Journal of a Cruise of the U.S.S. Constitution.
3rd Rate. 2 Guns.
Commanded by Captain O. H. Badger, U.S.N.
By
Cadet Midn. John N. Jordan.

Wednesday Jan. 16, 1878.

Moored alongside Wharf No. 1 League Island. Pa.
Weather clear and pleasant, with gentle breze from the Nd. Crew engaged in rowing off running rigging and shewing Kentledge. Workmen calking spar deck. During the morning the U.S.S Talbapoosa arrived at the Navy Yard. Lieut A.A Schetky, U.S.N was detached from this ship and ordered to the U.S.S. St. Louis. Cadet Midshipmen O.G. Dodge, J.M. Orchard, W.T. Brownagh, and J.N. Jordan reported for duty. Received two seamen and sixteen ordinary seamen from the St. Louis, and discharged several men, by order of the Bureau of Equipment and Recruiting; the men discharged being in excess of complement. Shipped John Bates as seaman for one year from date. Received 3720 Lbs. coffee in the Paymasters Department. Maximum barometer for the day. 30.36 in. Minimum 30.00 Maximum wind S. Minimum W. Max. dry bulb Ther. 42° F. min. 24° F. Max wet bulb Ther. 40° F. min. 23° F.

Thursday Jan 17, 1878.

Navy Yard, League Island, Pa.
Weather clear and pleasant with gentle breze from N.E. to E. Crew engaged in rowing running rigging. Workmen from the Navy Yard at work about the Ship. Quite a number of the crew were discharged by order of the Bureau of Equipment and Recruiting Received from the St Louis J.C. Browning Ldr. A summary court-martial was convened for the trial of Wm J. Caldwell (C. Boy), and

such others as may have been brought before it. Adjourned at 2.15 P.M. to await the action of the reviewing power.

Max. bar. for the day 30.42 in. Min. 30.28 in.
Max dry bulb ther. 32° F. min. 22° F.

Friday Jan. 18, 1878

Navy Yard, League Island, Pa.

Weather cloudy and cold first part of the day; clear and pleasant latter part. Crew engaged in securing chest anchors and stowing chest chains below. Workmen from the Navy Yard at work about ships. Discharged and received several men. The men received were all shipped for one year, special service, in order that their time might not run out while the ships was away from the United States. Summary court-martial was convened and adjourned during the day.

Max. bar for the day 30.44 in. Min. 30.29 in.
Max. dry bulb ther. 40° F. Min. 32° F.
Max wet bulb ther 39° F. Min. 32° F.

Saturday, Jan 19, 1878

Navy Yard, League Island, Pa.

Weather foggy and cool first part of the day, clear and pleasant latter part. Light airs from the S.E. and W. Navy Yard workmen at work about ships. Received in Pay. Dept. two barrels pork and one of beans.

Max. bar. for the day 30.42 in Min. 30.35 in
Max. dry bulb ther. 41° F Min. 32° F.
Max. wet bulb ther 40° F Min. 32° F.

Sunday, Jan. 20, 1878.

Navy Yard. League Island, Pa.

Foggy and misty first part of the day. Rainy and foggy latter part. Calm first part, and gentle airs from the NE latter part of day. James Hayes (Sea.) was declared a deserter from this date.

Max. Bar for the day 30.26 in Min. 29.96 in

Max. dry bulb ther. 49°F. Min. 35°F.

Max. wet bulb ther. 49°F. Min. 34°F.

Monday, Jan. 21, 1878

Navy Yard, League Island, Pa.

Overcast and foggy all day. Calm during the forenoon; light breze from the S.E and W.d during the afternoon. Crew engaged in taking in coal and fitting rigging. Navy Yard workmen at work aboard. Discharged and received on board several Bluejackets Received a Sergt. and five marines from the Marine Barrack at League Island. Recived from the St. Louis an Ordinary Seaman Eng. force. Chaplain S. D. Boorum was detached from the ship and placed on waiting orders by order of the Navy Dep't.

Max. Bar. for the day 30.00 in Min. 29.80 in.

Max dry bulb ther. 48° F. Min. 43°F.

Max. wet bulb ther. 48°F. Min. 43°F.

Tuesday Jan 22, 1878.

Navy Yard, League Island, Pa.

Overcast, foggy, and misty. First part of the day; cloudy with passing

showers latter part. Gentle breeze from the Wd. during the day. Moored ship off from the wharf to enable workmen to work on port accomodation ladder. Crew coaling ship. Navy Yard workmen at work about Ship. Sent a main topsail ashore to the sail loft. By order of the Comdg Officer Jacob H Baker (Lds.) was placed under sentry's charge for drunkness. Several men ran absent from the ship without leave. Transferred three men to the Naval Hospital. Midshipman Tompkin M. Potts reported on board for duty.

Max. Bar. for the day 29.84 in Min. 29.75 in.
Max. dry bulb Ther. 50° F. Min. 40° F.
Max. wet bulb Ther. 48° F. Min. 40° F.

Wednesday Jan 23, 1878.

Navy Yard. League Island, Pa.

Forecast, passing showers, and snow squalls first part of the day. Clear and squally latter part. Wind fresh and squally from the S.W. to N.W. Crew coaling ship and other work. Navy Yard workmen at work. Sent ashore condemned stores in the Nav. Dep't also some rubber hose. Received aboard a mainsail. Several men ran absent without leave. Received several men from the St. Louis. By order of the Comdg. Officer Jacob H Baker (Lds) was released from Sentry's charge and restored to duty.

Max. Bar. for the day 30.50 in Min. 29.78 in.
Max. dry dry bulb Ther 41° F. Min. 21° F.
Max. wet bulb Ther. 40° F. Min. 21° F

Thursday Jan. 24, 1878.

Navy Yard, League Island, Pa.

Clear and pleasant with light airs from the Wd. Crew at work bending mainsail and bracing braces. Received on board stores in the Paymasters and Equipment Departments. Several men absent without leave, and several returned ~~over~~time.

Bar. for the day 30.5 Bar. min. 30.39 in.
Max. dry bulb thm. 37° F. Min. 21° F.
Max. Wet bulb thm. 34 F. Min. Frozen.

Friday Jan. 25, 1878.

Navy Yard, League Island, Pa.

Clear and cool first part of day Overcast drizzling and raining latter part Calm and light airs from the Sth and W^d during the day. Crew engaged in rigging out head booms and bending fore sail and mizzen topsail. Several men absent without leave. Received in Equipment Dept. fore and main yard pendants and flat iron stay. Wm G. Caldwell (2 class boy) was dishonorably discharged from the United States Navy, by order of the Hon Sec. of the Navy. The effects of Ambrose Connelly was sold at auction he having been declared a deserter. Paymaster Allen reported for duty.

Bar. bar. for the day 30.32 in Min. 30.08 in
Max. dry bulb thm. 49° F. Min. 28° F.
Max. Wet bulb thm. 47° F. Min. 28° F.

Saturday, Jan. 26, 1878.

Navy Yard, League Island, Pa.

Overcast, rainy and foggy first part of the day clear and pleasant latter part. Crew engaged in sending up top gallant masts and setting up top-gallant rigging. Several men absent without leave. Received stores in the Departments of Equipment and Construction. Received several men from the St. Louis and an invalid marine from the Barracks at League Island.

Max. bar. for the day 30.15 in. Min. 29.96 in.
Max. dry bulb ther. 50° F. Min. 39° F.
Max. wet bulb ther. 49° F. Min. 39° F.

Sunday, Jan 27, 1878.

Navy Yard, League Island, Pa.

Clear and cool first part, overcast and rainy latter part of the day. Light airs from W. to S.S.E. Several men absent without leave. The Comdg. Officer inspected crew and ships. Master H. C. Stockton, U.S.N. left the ship on duty, having been ordered to Washington for examination preliminary to promotion

Max bar. for the day 30.18 in. Min. 29.66 in.
Max dry bulb ther. 47° F. Min. 37° F.
Max wet bulb ther 45° F. Min. 36° F.

Monday, Jan. 28, 1878.

Navy Yard, League Island, Pa.

Weather overcast and cloudy first part; clear and pleasant latter part of the day. Crew at work rigging topgallant and royal yards and getting in stores. Received stores in the Navigation, Construction, and Equipment Departments.

Max. bar. for the day 30.08 in. Min. 29.51 in.
Max. dry bulb thm. 43° F. Min. 22° F.
Max. wet bulb thm. 43° F. Min. Frozen

Tuesday, Jan 29, 1878.

Navy Yard, League Island, Pa.

Weather cool and pleasant. Hauled in to finish bunker from the N.N.W. Received alongside in scow, and secured. Moored anchors. Received stores in the Navigation and Equipment Departments. By order of the Comdg. Officer placed Chas. Carpenter (Sea.) under Sentry's charge for ~~absence~~ during nine days over liberty. Several petty officers were rated by order of the Comdg. Officer.

Max. bar for the day 30.48 in Min 30.10 in.
Max dry bulb thm. 33° F. Min 17° F.
Max wet bulb thm. (Frozen) Min. (Frozen)

Wednesday, Jan 30, 1878.

Navy Yard, League Island, Pa.

Clear, cold, and pleasant. Light wind from N.W. to E. Crew at work finishing fore and main topsails and

fore topmast staysail. Received stores in the Equipment and Construction Dep'ts.
By order of the Cand'g. Officer released Chas. Carpenter (Sea.) from confinement.
Max. Bar. for the day 30.55 in. Min. 30.46 in.
Max. dry bulb thm. 30° F. Min. 26° F.
Max. wet bulb thm. 24° F. Min. (Frozen)

Thursday, Jan. 31, 1878.
Navy Yard, League Island, Pa.
Weather overcast and snowing fast. Wind fresh first part of day from the N.N.E. increasing to a gale the latter part and hauling to N.E. During the gale the bow fasts parted, called "all hands" and secured ship with additional fasts. Let go Starboard anchor veering to three fathoms. Hauled to topgallant masts. Paymaster Chas A McDaniels received his detachment from this ship.
Max. bar. for the day 30.38 in. Min. 29.46 in.
Max. dry bulb thm. 34° F. Min. 27° F.
Max. wet bulb thm. 33° F. Min. (Frozen)

Friday, February 1, 1878.
Navy Yard, League Island, Pa.
Overcast with occasional snow-squalls all day. Fresh breze from the N.E. first part of the day, drying out and hauling to the N'd latter part. Received on board Stores in the Department of Construction and Eqpm'ts Dep'ts. The American steamer Indiana went to Sea, exchanging colors with us.
Max. Bar. 29.94 Min. 29.50 Max dry bulb 35° F. Min 28° F Wt bulb frozen

Saturday, February 2, 1878.

Navy Yard, League Island, Pa.

Overcast, cold, and misty first part of the day; clear and pleasant latter part. Guards from the N. E. Mechanics from the Navy Yard at work aboard ship. Received on board stores for Departments of Construction and Equipment

Max. Bar for the day 30.29 in Min. 29.98 in

Max. dry bulb ther. 34° F. Min. 2° F.

Max. wet bulb ther. (Frozen) Min. (Frozen)

Sunday, February 3, 1878.

Navy Yard, League Island, Pa.

Weather clear and cold with light breeze from the N.W. and E. Had "General Muster" and read the "Articles for the better government of the navy". Several men absent without.

Max. Bar for the day 30.34 in Min. 30.18 in.

Max. dry bulb ther. 26° F. Min. 17° F.

Max. wet bulb ther. (Frozen) Min. (Frozen)

Monday, February 4, 1878.

Navy Yard, League Island, Pa.

Weather cold, pleasant, and hazy Light breeze from the N.W. Received stores on board in the Equipment and Construction Departments. Experimented with a boat-detaching apparatus under the direction of Comdr. T. P. Cooke, U. S. N. Master Stockton returned.

Max. Bar for the day 30.04 in Min. 29.91 in.

Max. dry bulb ther. 35° F Min. 14° F.

Tuesday, February 5th, 1878.

Navy Yard, League Island, Pa.

Weather clear, cold, and pleasant. Earth frozen from the N.E. and N.W. Several men absent without permission. Received stores on board in the Equipment Department. Navy Yard Caulkers at work on spar and gun decks.

Mary Bar for the day 30.16 in Min. 29.94 in.
Mary dry bulb ther. 38° F. Min. 27° F.
Mary wet bulb ther. 37° F. Min. Frozen.

Wednesday, February 6, 1878.

Navy Yard, League Island, Pa.

Clear, cold, and pleasant. Light airs from the N.W. River filled with floating ice. Hoisted in steam launch. Received stores in the Ordnance Dep't. A board of survey met on board to survey several articles in the Dep't. of Navigation. Turned into the store several articles in the Paymasters Dep't.

Mary Bar. for the day 30.31 in. Min. 30.20 in.
Mary dry bulb ther. 43° F. Min 27° F.
Mary wet bulb ther. 38° F. Min. (Frozen)

Thursday, February 7, 1878.

Navy Yard, League Island, Pa.

Clear, cool, and pleasant. Earth frozen from the S.E. Received on board stores in the Navigation and Equipment Dep't's. Hoisted in spare topmast. A Belgian steamer passed out.

Mary. Bar for the day 30.27 in Min. 30.01 in.
Mary. dry bulb ther. 48° F. Min. 25° F.
Mary. wet bulb ther. 43° F. Min (frozen)

Friday, February 8, 1878.

Navy Yard, League Island, Philadelphia, Pa.

Weather overcast and misty, drizzling rain most of the day. Light airs from the N.E. Cast off from the wharf under tow of yard tugs and started up the river; grounded twice on the Horse Shoe going up but came off, and hauled in and secured at the Walnut St. wharf.

Max. bar. for the day 29.97 in. Min. 29.37 in.
Max. dry bulb ther. 44° F. Min. 35° F.
Max. wet bulb ther. 41° F. Min. 33° F.

Saturday, February 9, 1878.

Walnut St. Wharf, Phila., Pa,

Overcast and rainy first part of the days. Clear and pleasant latter parts. Gentle airs from the S.W. and W.N.W. Several men returned aboard several days over time. Paid Engr. Wilson and Philip Schemer one months extra duty by order of Comdg Officer; for leaving the ship without permission. Secured steam launch in its cradle and secured main yard - & taking in freight. Navy Yard mechanics at work on board.

Max. bar. for the day 29.77 in. Min. 29.42 in.
Max. dry bulb ther. 59° F. Min. 39° F.
Max. wet bulb ther. 51° F. Min. 38° F.

Sunday February 10, 1878.

Walnut St. wharf, Phila. Pa.

Overcast and misty; light airs from the N.W. Mustered the crew and found several men absent without

permission. The Cond'g. Officer inspected the ship
By order of the Cond'g. Officer confined
S. G. Haskell (C.S.) in single irons for twelve days.
and for leaving ship without permission. Placed
Alphonse Eychard under suitys charges for
drunkenness. Fred Hamilton was a deserter
after this date.
Mean bar for the day 29.66 in Min 29.46 in
Mean dry bulb Ther. 41° F. Min. 37 F.
Mean wet bulb Ther. 39° F. Min. 37 F.

Monday, February 11, 1878.
Walnut St. Wharf, Phila. Pa.
Weather clear and cold. Light
breezes from the N.W. Command taking in
cases of goods for the Paris Exposition. A board
of survey met aboard to survey several
articles in the Equipment Dept. Received on
board several articles in Equipment Dept.
Hoisted in and secured sailing launch.
By order of the Cond'g. Officer released Alphonse
Eychard (F.R.C.) from suitys charges.
Mean bar for the day 30.00 in Min. 29.58 in.
Mean dry bulb Ther. 39° F. Min. 28° F
Mean wet bulb Ther 38° F. Min. (illegible)

Tuesday, February 12, 1878.
Walnut St. Wharf, Phila., Pa.
Clear and cold. Light breezes from the N.W.
Taking in cargo. Stationed crew and exer-
cised at fire quarters. Navy Yard mechanics
at work on board. Several men were
absent without permission. Received

stores on board in the Navigation, Equipment, and Construction Departments.
Received from the St. Louis and Landsman—
Max Bar for the day 30.16 in. Min 30.02 in.
Max dry bulb ther 33° F. Min. 24° F.
Max wet bulb Ther. (Frozen) Min. (Frozen)

Wednesday, February 13, 1878.
Walnut St. wharf, Phila. Pa.

Overcast and cloudy first part of the day, clear and pleasant latter part. Light breeze from the S.W. hauling to the N.W. Receiving wright for the Exhibition. Received stores in the Navigation Department. By order of the Comd'g. Officer E.D. Franklin (Seaman) was confined in single irons for ten days for overstaying liberty. A board consisting of Commo. G.J. Cooper, Captains J.H. Upshur, and J.G. Gantt, Mid. Instructor F.V. Macomb, P. Asst. Paymaster I.Q. Barton and Lieut. Bancker, U.S. Staff (Secretary) inspected the ship.
Max Bar for the day 30.08 in Min. 29.94 in.
Max dry bulb ther. 43° F. Min. 34° F.
Max wet bulb ther. 43° F. Min. 33° F.

Thursday, February 14, 1878.
Walnut St wharf, Phila. Pa.

Overcast and cloudy first part of the day clearing towards the latter part. Light breeze from E.N.E. Sent several articles condemned by the Board of Survey of Feb. 8th to the

Navy Yard. A Board of Survey met on board to survey several articles in the Quarter Masters Dep't. U. S. M.C. By order of the Comdg. Officer Jacob Baker (Eds.) was placed under sentry charge for drunkenness. Ex Governor McCormick Commissioner General to the Paris Exhibition paid an official visit to the ship.
Mean bar. for the day 30.06 in Min. 29.98 in.
Mean dry bulb ther. 40° F. Min. 33° F.
Mean wet bulb ther. 36° F. Min. 31° F.

Friday, February 15, 1878.
Walnut St. Wharf, Phila., Pa.

Weather overcast, cool, and cloudy. Light winds from the N.E. and E. Loading with goods for the Paris Exposition. Navy Yard workmen at work on board. Received stores in the Equipment Dept. Received 800 gals. water. Several men returned from liberty over-time. By order of the Comdg. Officer released J. F. Baker (Eds.) from confinement. Placed Robt. Morrissey (Seaman) in single irons for leaving ship without permission. Geo. Rogers (O.S.) in single irons for leaving ship without permission, returning drunk, and attempting to smuggle liquor aboard ship. Marked lead lines. Ensigns H. H. Reich, C. McR. Winslow, Alex. Sharp, and E. T. Bostick reported for duty.
Mean bar. for the day 30.07 in Min. 30.00 in.
Mean dry bulb ther. 42° F. Min. 38° F.
Mean wet bulb ther. 38° F. Min. 28° F.

Saturday, February 16, 1878.

Walnut St. Wharf, Phila. Pa.

Overcast and cloudy first part of the day; clear and pleasant latter part. Light airs from the W.d during the middle of the day, from the N.d and E.d during the remainder. Engaged in taking in cargo. Received stores in Equipment, Construction, Ordnance and Paymasters Departments. By order of Cmdg. Officer released E.D. Franklin (Sea.) from confinement, and placed John McGrath (Sea.) under Master's charge for drunkenness. Compared the Barometer with the standard in the office of the U.S. Signal Service, and found the correction to be -.018 inch.

Bar. for the day 30.08 in. Min. 30.03 in
Ther. dry bulb Fur. 50° F. Min. 35° F.
Ther. wet bulb Fur. 43° F. Min. 32° F.

Sunday, February 17, 1878.

Walnut St. wharf, Phila., Pa.

Clear and pleasant first part of the day; overcast and rainy latter part. Wind E.N.E. shifting to S.E. and W.N.W. At 8.45 am. Transferred crew, John McCarthy (Q.M.) absent without leave. At 1.20 pm. John F. Leahy (Lds.) run away from the ship.

Bar. for the day 30.05 in. Min. 29.81 in.
Ther. dry bulb Fur. 54° F. Min. 37° F.
Ther. wet bulb Fur. 49° F. Min. 35° F.

Monday, February 18, 1878.

Walnut St. Wharf, Phila., Pa.

Clear and pleasant weather. Fresh breeze from the North. Hoisting in cargo. Rave off "Boat Falls" fore and aft. By order of the Comdg. Officer released John McGrath (Ord.) from confinement. Offered a reward of $10.00 for the arrest of John F. Leahy (Ord.). John McCarthy (Fm) returned aboard ship forty-eight hours over time.

Max. bar. for the day 30.20 in. Min. 29.82 in.
Max. dry bulb ther. 44° F. Min. 23° F.
Max. wet bulb ther. 42° F. Min. (Freezing)

Tuesday, February 19, 1878.

Walnut St. Wharf, Phila., Pa.

Clear and cold. Fresh breeze from the 2d and 2m first part of the day; from the S.W. and W.N.W. during the latter part. Taking in cargo. Received stores in the Construction and Pay-masters Departments. Turned into the Quartermasters Dept. U.S.M.C. several articles condemned by survey and recommended to be disposed of.

Max. bar. for the day 30.36 in. Min. 30.21 in.
Max. dry bulb ther. 42° F. Min. 19° F.
Max. wet bulb ther. 38° F. Min. (Freezing)

Wednesday, February, 20, 1878.

Walnut St. Wharf, Phila., Pa.

Overcast, cloudy, and hazy most the day. Lights from the S.E. and N.E. Taking in cargo. Steaming boats for sea. Navy Yard mechanics at work on board. Received stores in the Equipment Department. By order of the Comdg. Officer released Geo. Rogers (O.S.) and Ralph Morrissey (O.S.) from confinement. Offered rewards for several men absent without leave. Ensign F.S. Carter reported for duty aboard ship. Master H.T. Stockton reported his return from leave.

Bar. for the day 30.27 in. Min. 30.03 in.
Max. dry bulb thm. 46° F. Min. 29° F.
Max. wet bulb thm. 40° F. Min. (Freezing)

Thursday, February 21, 1878.

Walnut St. Wharf, Phila., Pa.

Rather overcast and cloudy. Light winds from the N.E. and E., increasing towards the latter end of the day. Taking in cargo. Received on board several articles in the Construction Department. Several men absent from the ship without permission.

Bar. for the day 30.07 in. Min. 29.89 in.
Max. dry bulb thm. 56° F. Min. 39° F.
Max. wet bulb thm. 53° F. Min. 37° F.

Friday, February 22, 1878.

Walnut St. Wharf, Phila., Pa.

Overcast and a drizzling rain all day with occasional rain squalls. Wind fresh from the N.E during the first part of the day dying down to a calm during the nights. Dressed ship with American Ensign on each masthead, in honor of the birthday of Washington. Several men absent without leave. Mr. A.K. Radford reported to Captain Badger for duty as an extra clerk.

Mean. Bar. for the day 29.88 in. Min. 29.54 in.
Mean. dry bulb ther. 48° F. Min. 44° F.
Mean. wet bulb ther. 48° F. Min. 43° F.

Saturday, February 23, 1878.

Walnut St. Wharf, Phila., Pa.

Mostly overcast and foggy. Calm or very light breeze from the N.E. all day. Taking in cargo. Crew scraped spars. Two men absent without leave. Received several articles in the Equipment Dept; also two cases of Very's Signal. Received on board 29 enlisted men under the command of 1st Lieut. C. B. Russell and 2nd Lieut W. F. Reilin, U.S.M.C. for special duty connected with the Paris Exposition.

Mean Bar for the day 29.89 in. Min. 29.72 in.
Mean dry bulb ther 50° F. Min. 42° F.
Mean wet bulb ther. 48° F. Min. 41° F.

Sunday. February 24, 1878.

Walnut St. wharf, Phila., Pa.

Clear and pleasant first part of the day; overcast and cloudy the latter part. Winds from the S.E. and S.W. Mustered crew at quarters and found Andrew Robinson (Sea.), J. T. Leahy (Ord.), and Capt. Morrissey (Sea.) absent without leave. The two latter were declared deserters from the ship, by order of the Comdg. Officer. The Comdg. Officer inspected ship and crew. Divine service was held on board by a Clergyman from shore. A large number of visitors came on board.

Max. bar. for the day 29.98 in. Min. 29.83 in.
Max. dry bulb ther. 43° F. Min. 39° F.
Max. wet bulb ther. 39° F. Min. 36° F.

Monday, February 25, 1878.

Walnut St. wharf, Phila., Pa.

Weather generally pleasant; clear and pleasant first part of the day, cloudy and overcast latter part. Light winds from the S.E. and S. Received on board several articles in the Depts. of Equipment and Navigation; also 100 life preservers. Wm. J. Gunn (N.C.S.) was arrested and taken ashore by a warrant from a City Magistrate. Capt. Connelly (C.S.S.) run away from a working party on the dock. Finished taking in Cargo. The U.S. Tug Pilgrim came in and made fast on our starboard side.

Max. bar. for the day 30.06 in. Min. 29.96 in.
Max. dry bulb ther. 48° F. Min. 34° F.
Max. wet bulb ther. 40° F. Min. 31° F.

Tuesday, February 26, 1878.

Delaware River, Pa.

Weather clear and pleasant. Wind fresh and squally from the N.W. and W. Took in the last article of freight at 11.50 A.M., Draught of water forward 22 ft. 2 in. aft 20 ft. 1 inch. At 12.10 P.M. called all hands unmoor ship and hauled out from the dock; stood down the Delaware River under tow of two Navy Yard Tugs. At 2.20 P.M. came to off League Island using to twenty two fathoms on starboard chain. Bearings at anchorage by standard compass; Red Bank noted S 18° W. Fort Mifflin S 88° W. Fishhouse Chut N 83° E. At 3.50 P.M. mustered at quarters and found Robert Manissy (Sea.) on board who was declared a deserter from this vessel Feb. 24th 1878. Absents; Chas. Baquin (P.M.), Henry Simpson (Sea.) and Wm J. Quinn (W.B.D.) the latter having been arrested on a warrant from a City Magistrate for obtaining money under false pretences. Wm Rose (C.T.) and Patrick Downey (O.S.) who were placed in single irons in the fore hold, by order of the Comdg. Officer, were taken from the hold and placed under Sentrys charge at the galley. Transferred Fredk. Courtney (O.S.) to the St Louis by order of the Bureau of Equipment and Recruiting. John Jacobson (O.S.) was transferred from the St. Louis to this ship.

Mean. Bar for the day 30.18 in. Max. 29.99 in.
Mean. dry bulb thm. 42° F. Max. 30° F.
Mean. wet bulb thm. 41° F. Max. 27° F.

Wednesday, February 27, 1878.

At Anchor off League Island, Pa.

Weather clear and pleasant with gentle breeze from the N.E. and N.W. Ship riding to the tide. Crew engaged in rigging fish-davits, setting up mast gear and bending mainsail. Henry Simpson (Sea.) returned on board. Received from the Navy Yard and Marine Barracks, League Island, four men and one marine, and transferred four men to the Navy Yard. Received 200 lbs. of powder in the Ordnance Dept., and, five tons of coal on board.

Max. bar. for the day 30.21 in. Min. 30.10 in.
Max. dry bulb thm. 54° F. Min. 36° F.
Max. wet bulb thm. 44° F. Min. 32° F.

Thursday, February 28, 1878.

Delaware River, Pa.

Weather clear and pleasant with light airs from the S.E. at 6.30 A.M. the U.S. Tug Pilgrim came alongside and made fast to the port side. at 7.45 A.M. got underway and stood down the River under tow of the Pilgrim, under charge of Pilot. At 5.40 P.M. came to in 6 3/4 fathoms of water veering to 45 fathoms on Starboard chain. Bearings at anchor (p.c.) Ship ~~alongside~~ John Lights N.73° E. Cohansey Light N.28° E.

Max. bar. for the day 30.12 in. Min. 30.08 in.
Max. dry bulb thm. 52° F. Min. 38° F.
Max. wet bulb thm. 42° F. Min. 35° F.

Friday, March 1, 1878

Delaware River + Bay, Pa.

Weather clear, cool, and pleasant. Wind during first part of the day light from N.W. to N.E. latter part moderate to fresh from the 2d & 3d. Got underway in the morning watch and stood down the River in tow of tug Pilgrim and plain sail to, t'gs'l gallant-sails except the spanker. At 11.40 A.M. clewed up and furled sail and at 12.30 came to, off Delaware Breakwater, in nine fathoms of water veering to 45 fathoms on 1 1/8 chain. Henry Thompson (Sea.) fell from the mizzen t'gs'l and died from the injuries received fifteen minutes after. Veered chain and got the anchor ready for letting go.

Max. bar. for the day 30.54 in. Min. 30.18 in.
Max. dry bulb ther. 44° F. Min. 39° F.
Max. wet bulb ther. 40° F. Min. 36° F.

Saturday March 2, 1878.

Off Delaware Breakwater, Delaware Bay.

Weather clear and pleasant. First part of day cloudy and hazy latter part, Wind fresh and squally from S.E. At 9.45 A.M. signalled for the Pilgrim to come alongside and at 10.45 called "All hands bury the dead". The Comdg. Officer read the burial service and the body of Henry Thompson (Sea.) was taken ashore and buried. At 4.35 P.M. sent down t'gs'l gallant yards. At 10.30 let go the port anchor veering to 30 fathoms on port, and to 75 fathoms on Starboard chain.

Max. bar. for the day 30.50 in. Min. 29.82 in.
Max. dry bulb ther. 55° F. Min. 39° F.
Max. wet bulb ther. 53° F. Min. 37° F.

Sunday, March 3rd 1878.

At Anchor off Delware Breakwater.

Weather overcast raining and threatening. Wind fresh and squally from the S.W. At 9.00 A.M. hove up port anchor and in to 4½ fathoms on starboard chain. Crossed topgallant yards. Steam signal flying at 2 Elvin Brk.

Max. Bar. for the day 29.78 in. Min. 29.40 in.
Max. dry bulb ther. 57° F. Min. 47° F.
Max. Wet bulb ther. 54° F. Min. 46 F.

Monday, March 4, 1878.

At Anchor & Underway Standing out Delware Bay.

Mather generally pleasant; fresh breezes from the N.E. and N. At 7.30 got underway and stood out of Delware Bay, making sail to topgallantsails. At 10.43 A.M. Five Fathom Bank Lt. ship Fore (p.c.) North distant six miles. At 11.30 A.M. changed course to E½N. and hoisted flying jib & fore t'p mast staysail. Crossed royal yards and ~~bated~~ royals. The wind increasing and hauling to the N.E., took in sail, sent down royal yards, and took two reefs in topsails and one in fore and main sail, finally furled mizzen topsail and set fore storm staysail and fore trysail.

Max. Bar for the day 29.88 in. Min. 29.34 in.
Max dry bulb ther. 47° F. Min. 36° F.
Max Wet bulb ther. 45° F. Min. 33° F.

Tuesday March 5, 1878.

At Sea Atlantic Ocean.

Cool and cloudy first part of the day, clear and pleasant latter part. Wind fresh from the N.W. Several sail in sight. Exchanged colors with and American barque bound to the N.E. Changed course to E N E 3/4 E at 1.00 P.M. Sail on ship at 12.00 M. Courses, single reefed fore and main topsails, double reefed miz. topsail, jib and fore topmast staysail. At 12.00 Mid. all plain sail to topgallant sails except spanker and fore topmast staysail. At 8.10 P.M. changed course to E 3/4 N. Ship rolling and pitching easily.

At Noon Lat. by Ob. 39° 14' 55"

" " Lat. by D.R. 39° 33' 0" N. Long. 69° 55' 30" W

Distance run by log 211 knots and 9 tenths

Max. bar. for the day 30.35 in Min. 29.91 in

Max. dry bulb Ther. 36° F. Min. 34° F.

Max. wet bulb Ther. 34° F. Min. 31° F.

Wednesday March 6, 1878.

At Sea, Atlantic Ocean.

Mostly clear and pleasant. Wind light; from N W to N E. first part of the day, from the South during latter part. Crossed royal yards and set royals at 5.30 A.M. Smooth sea, ship rolling easily. A sail in sight astern during the day. Sail on ship at 12.00 M. All plain sail except spanker and flysails; at 12.00 Midnight All plain sail to royals.

At Noon Lat by Ob. 39° 36' 8" N Long. 66° 48' 18" W

" " " " D.R. 39° 40' 35" N " 66° 59' 15" W

Distance run by log 137 knots and 9 tenths

Max bar. 30.54 in Min 30.40 in. Max dry bulb 48° F Min 36° F Max. W.B. 45° F Min 33° F.

Thursday March 7, 1878.

At Sea, Atlantic Ocean.

Weather clear and pleasant first part of the day; overcast, drizzly, and squally during the latter part. Fresh breze from the South, hauling to the S.W. and E. At 7.15 A.M. carried away the bolt in the cat-walk for the jumper; hailed down fiddle and flying jib, and set fore stm. staysail and Spanker. Repaired damages. Carried away the bolt for the parrel in the jaws of the main royal yard. Hauled main royal, and sent down yard. An examination showed that the bolts carried away were of inferior quality. Smooth sea; Ship riding easily. Ship under sail at 12.00 M. Courses single reefed main and mizzen topsails, fore topsail, fore topmast and fore stm staysails. At 12.00 Mid. Courses, double reefed fore and main topsails, close reefed mizzen topsail, fore topmast and fore stm staysails.

At Noon Lat by D.R. N. 40° 07' 43" Long D.R. 63° 41' 18" W.
" " " by Ob. 63° 36' 35" W.
~~Mar~~ Distance run by Log since preceding Noon 146 K. 2 tenths

Max Bar for the day 30.45 in. Min. 30.27 in.
Max dry bulb thm. 59° F. Min. 47° F.
Max wt bulb thm 54° F. Min. 45° F.

Friday March 8, 1878.

At Sea. Atlantic Ocean.

Weather overcast, rainy, and squally. Stiff breze from the S.W. and W. Moderate Sea; ship rolling and pitching easily

Parted mainsail from topgallant sheet, and mainsail
main topgallant sheet twice. Bent the
storm mizzen and put preventer braces
on the lower and topsail yards.
At 9.20 A.M. changed course from E ¼ N to E ½ S
At 8.20 P.M. changed course from E ½ S to E SE ½ E
Sighted several sails and a steamer.
Sail on ship at 12.00 m. Courses, single reefed
fore and main topsails, close reefed mizzen
topsail, fore and main topgallant sails, fore
topmast and fore storm staysails. At 12.00 mid.
Single reefed foresail, close reefed fore and main
topsails, fore topmast staysail.
At Noon Lat by D.R 40° 48' 5-0" N. Long. D.R. 58° 54' 35" W.
" " " " Ob. 41° 22' 47" N.
Distance run by log since preceding noon 219.5 knots
Max. bar for the day 30.24 in. Min. 30.10 in.
Max. dry bulb ther. 60° F. Min. 54° F.
Max. Wt bulb ther. 58° F. Min. 53° F.

Saturday, March 9, 1878.
At Sea, Atlantic Ocean.

Mainly overcast and rainy first part
pleasant and cloudy latter part of the day. Wind
light from the N.W. and E.N.E. hauling to the N.E. and N.N.E.
and increasing. Smooth sea, ship riding easily.
Made several sail during the day. Sail on
ship at 12.00 m. All plain sail. At 12.00 mid. Courses,
topsails, fore and main topgallants sails, F.T. Staysail.
At Noon Lat. D.R 41° 27' 5-2" N Long D.R. 56° 14' 35-2" W. Lat Ob. 41° 26' 19" N
Distance run by log since preceding noon 118.5 knots.
Max. bar for the day 30.12 in. Min. 29.88 in
Max dry bulb ther. 58° F. Min. 40° F Wet bulb ther. Max 53° F Min 40° F.

Sunday March 10, 1878.

At Sea, Atlantic Ocean.

Weather pleasant. Light breze from the N^o and W^d increasing towards the latter part of the day. Smooth sea; ship riding easily. At 10.00 a.m. the Cand'g Officer inspected ship, and crew at quarters. Sail on ship at 12. or M. Fore sail, topsails, top gallant sails, fore and fore topmast stay sails, and goose winged main sail. At 12.00 mid. all plain sail to top-gallant sails, except spanker.

Lat. at noon D.R. 41° 46' 01" N. Long D.R. 51° 47' 27" W.
" " " Ob. 41° 40' 27" N. " Ob. 51° 13' 01" W.

Distance run by log since preceding noon 148.3 knots.

Bar. for the day. 29.89 in. Min. 29.74 in.
Thm. dry bulb thr. 44° F. Min. 35° F.
Thm. wet bulb thr. 42° F. Min. 34° F.

Monday March 11, 1878.

At Sea, Atlantic Ocean.

Weather generally clear with passing showers of snow and hail during the day. The wind blowing a fresh breze at beginning of the day from the N^d and W^d, increasing to a gale, and hauling S. by W. until 8.10 A.M. when a thick squall of rain and wind, accompanied by a single flash of lightening and peal of thunder passed over the ship, and about five minutes after the wind hauled, without warning, to N.W. catching the topsails slightly aback. The ship paid off rapidly and the yards laid square, the wind hauling slowly to W.N.W. and settling in that direction

the ship running from the wind under close reefed fore sail, fore and main t'gallant sails, fore t'gallant staysail. Moderately heavy sea. At 5.30 P.M. the wind blowing very heavy in squalls and with a rough sea; clewed up and furled close reefed fore t'gallant sail, furled double reefed fore sail, hauled down and stowed fore t'gallant staysail, braced up the after yards on the starboard tack, hauled out main trysail and set storm mizzen, and brought the ship to, bracing up the head yards and hauling out the foot of the fore trysail to meet her. Ship lying to under the above mentioned canvas coming up to S.W. and falling off to S × E. At 8.10 P.M. took in close reefed main t'gallant sail. Ship easy. Rough sea.

At Noon Lat D.R. 42° 15' 52" N. Long. D.R. 46° 13' 47" W.
" " " Ob. 42° 22' 13" N. " Ob. 45° 56' 00" W.

Distance run by log since preceding noon 212.1 knots.
Max. bar. for the day 29.70 in. Min. 29.22 in.
Max. dry bulb ther. 50° F. Min. 39° F.
Max. wet bulb ther. 49° F. Min. 37° F.

Tuesday March 12, 1878.

At Sea, Atlantic Ocean.

Overcast, squally, occasional hail showers. Heavy sea. Blowing a gale from the N.W. & W.N.W. Ship lying to under fore & main trysails, and storm mizzen. At the End of the day took in the above sails and set close reefed fore sail, fore & main topsails, fore t'gallant staysail and fore storm staysail. Heading E. by S.

At Noon Lat D.R. 42-09-28" N. Max. bar. for the day 29.40 in. Min. 29.82
" " Long " 44° 24' 20" W. Max. dry bulb ther. 46° F. Min. 40° F.
Distance run by log 88.2 knots Max. wet bulb ther. 43° F. Min. 38° F.

Wednesday, March 13, 1878.

At Sea, Atlantic Ocean.

Weather clear and pleasant with passing showers of rain and hail. Fresh breeze from the N.W. with heavy squalls. Long sea. Ships riding easily. Sail on ship at noon, Foresail, Double reefed fore and main topsails, fore topmast staysail. At 12 M. wind fore sail, single reefed mainsail, double reefed fore and main topsail, and fore topmast-staysail Carried away. And Expended one log-chip and 18 lbs. of line in heaving the log.

Lat at noon DR 42° 16' 04" N. Long 41° 23' 42" W
" " " Ob. 41° 32 27" N. " 41° 28' 30" W.
Max. Bar. the day 30.07 in. Min. 29.81 in.
Max. dry bulb thm. 47° F. Min. 40° F.
Max. Wet bulb thm 45° F. Min. 38° F.

Thursday, March 14, 1878.

At Sea, Atlantic Ocean.

Weather generally pleasant, with passing showers of rain during first part of the day. Wind Moderate to fresh from the N.W. and W.N.W. during the first part of the day, hauling to the W.N.W. and W. towards the latter parts. Sail on ship at noon, Courses, double reefed fore and main topsails, jib and fore topmast staysail. Bent boat sails and stowed sails and masts in boats.

At Noon Lat DR 42° 41' 4" Distance Mn. 186.7 knots
" " Long. " 37° 26' 24" Max Bar 30.27 in Min 30.07.
" " Lat Ob 42° 46' 43" Max dry bulb 48° F. Min. 45° F.
" " Long " 37° 13' 18" Max Wet bulb 47° F. Min. 43° F.

Friday, March 15, 1878.

At Sea, Atlantic Ocean.

Overcast and rainy, fresh breeze from the 1st and 2d, backing round to S.E. Smooth sea. Sail on ship at noon, single reefed fore and main topsails, double reefed main topsail, jib, and fore topmast-staysail. At 1200 Mid. Courses, double reefed fore and main topsails fore topmast staysail. Corrected log-line

At Noon Lat. D.R 43° 30' 3" N Long D.R. 34° 07' 11" W.
" " " Ob. Distance run by log 139.3 knots
Mean. bar. for the day 30.27 in Max. 30.04 in.
Mean. dry bulb ther. 55° F. Max. 46° F.
Mean. wet bulb ther. 54° F. Max. 44° F.

Saturday, March 16, 1878.

At Sea, Atlantic Ocean.

Weather clear and pleasant, fresh breeze from the 1st and 2d., Smooth sea. Sail on ship at noon: Courses, topsails, fore and main t'g'l'sails, jib, and fore topmast staysails. At Mid.:- Same. An English steamer passed on the port hand, exchanged colors, she dipped and returned compliment. She signalled that she would report us. Passed a barque standing to the E.

Lat. at noon D.R. 45° 22' 11" N. Long. D.R 30° 08' 05" W
Lat. at noon Ob. 45° 35' 34" N. Long. Ob. 30° 00' 21" W.
Distance run by Log 203.1 knots
Mean bar. for the day 30.44 in. Max. 30.15 in.
Mean dry bulb ther. 56° F. Max. 52° F.
Mean wet bulb ther. 54° F. Max. 48° F.

Sunday, March 17, 1878.

At Sea, Atlantic Ocean.

Wather clear and pleasant. Brisk gentle to fresh from the S.W. and E.S.E. Smooth sea. Sail on ships at noon: all plain sail to T.G.sail sails, and fore t'gnmast staysail. At Mid.: fore and main topsails single reefd mizzen topsail, fore topmast staysail. Passed three sails standing to the W.W. Exchanged colors with the American ship St. Mary of Frankfort, Me. bound to the W.W. Exchanged colors with a German barque. She asked by signal for our Lat. and Long. We answered and signalled "What are you bound?" She answered "Paint Alpack"

Lat at noon D.R. 46° 47' 34" N. Long D.R. 26° 42' 27" W.
" " " Ob. 46° 45' 11" " " Ob. 26° 39' 06"
Distance run by log. 155.6 knots.

Max. Bar. for the day 30.56 in. Min. 30.46 in.
Max. dry bulb ther. 55° F. Min. 53° F.
Max. wt. bulb ther. 54° F. Min. 51° F.

Monday, March 18, 1878.

At Sea, Atlantic Ocean.

Overcast and cloudy. Fresh breeze from the S.W. and E.S.E. Smooth sea. Sail on Ship at noon Courses, fore and main, and single reefd mizzen t'gsails: Jib, fore t'gmast and mizzen staysails. At Mid. Foresail, single reefd fore and main, and double reefd mizzen topsails, clewed down down for furling, the clew of mainsail fore t'gmast and mizzen staysails. Passed several sail during the day.

Lat. at noon D R 47° 4' 29" N. Long. D R 23° 34' 57" W.
Distance run by Log. 140.8 knots.
Max bar. for the day 30.57 in Min. 30.49 in.
Max dry Bulb ther. 54° F. Min. 51° F.
Max wet Bulb ther. 51° F. Min. 48° F.

Tuesday March 19, 1878.

At Sea. Atlantic Ocean.

Cloudy and pleasant, fresh breezes from the S^a^ and E^a^. Smooth sea. Sail on ship at noon: Courses fore, main, and single reefed mizzen topsails, fore topmast and mizzen staysails. At mid. Same as at noon, and the jib. Several sail in sight during the day.
Lat. at noon D.R. 48° 56' 01" N. Long. D.R. 19° 46 37" W.
" " " Ob. 48° 42 38" N. " Ob. 19° 08 20" W.
Distance run by Log. 169.7 knots.
Max. Bar. for the day 30.49 in Min. 30.43 in.
Max. dry Bulb ther. 54° F. Min. 51° F.
Max. wet Bulb ther. 50° F. Min. 47° F.

Wednesday March 20, 1878.

At Sea, Atlantic Ocean.

Overcast, cloudy, drizzling rain. Breeze light to fresh from the S^a^ and E^a^. Smooth Sea. Sail on ship at noon All plain sail & t'g'l't. sails, except spanker and fore topmast staysail. At Mid. Courses, topsails, fore and main t'g'l't. sails jib and fore t'p. Staysail
Lat. at noon DR. 49° 46 22" N. Long. D.R. 14° 38' 46" W.
Lat at noon Ob. 49° 46 48" N. Long. Ob. 14° 45 46" W.
Max. bar. for the day 30.47 in. Min. 30.39 in. } Distance run
Max. dry bulb ther. 54° F. Min. 50° F. } by Log 181.7 knots
Max. wet bulb ther. 51° F. Min. 48° F. }

Thursday, March 21, 1878.

At Sea, Atlantic Ocean,

Weather generally pleasant. Light breze from the S.W. and E.N.E. Smooth sea. Sail on ship at noon. All plain sail to lt. sails except mizzen topgallt-sail. At mid. - same and Jib fore topmast and mizzen staysails. Several sail in sight during the day. Tacked ship several times. Expended a thermometer in the Navigators Department.

Lat. at noon D.R. 49° 38' 32" N Long. D.R. 12° 29' 55" W
" " " Ob. 49° 41' 56" N. " Ob.
Distance run by log. 152 knots.
Max. Bar. for the day. 30.47 in. Min. 30.30 in.
Max dry Bulb ther. 52° F. Min. 50° F.
Max wet Bulb ther. 48° F. Min. 46° F.

Friday, March 22, 1878.

At Sea, Atlantic Ocean.

Overcast and cloudy, Breeze light to fresh from the S.W. and E.N.E backing round to the N.W. and E.N.E. Smooth Sea. Sail on ship at noon;- Mizzen staysail, fly-sails, square sail to lt'll'sails; jib and fore topmast staysail hauled down to enable the Navigator to get the sun. At mid. courses single reefed topsails, fore topmast- and mizzen staysails and spanker. Several sail in sight during the day.

Lat at noon D.R. 49° 29' 41" N. Long D.R. 11° 36' 11" W.
" " Ob. 49° 27' 52" N. " at 1.30 P.M. G.M.T. 11° 34' 35"
Distance run by log 111.3 knots.
Max Bar. at noon 30.28 in Min 30.02 in. Max wet bulb 52° F.
Max dry Bulb Ther 54° F. Min 45° F. Min 43° F.

Saturday, 23, 1878.

At Sea, Mouth of the English Channel.

Clear and pleasant. Light- breeze from the S.E. backing round to N.N.W. Long sea from the N.E. Sail on ship at noon- courses fore and mizzen topsails and top-gall't-sails, fore topmast- and mizzen stay-sails, and jib and spanker. At mid. forsail, lee clew of mainsail, topsails, fore and main top-g'all't-sails, jib and fore topmast-stay-sail. Several sails in sight during the day. Carried away the main- topsail lift twice, and rove off a hawser for new lift. At 2.00 A.M. got a cast of the lead in 50 fathoms of water. Braced aback and got several more casts but failed to reach bottom at 90 fathoms.

Lat. at noon D.R. 49° 03' 32" N. Long D.R. 8° 48' 36" W.
" " " Ob. 48° 59' 52" N. " Ob. 8° 44' 52" W.
Distance run by log. 115.6 knots.
Max. Bar. for the day. 30.09 in. Min. 29.80 in.
Max. dry Bulb Ther. 46° F. Min. 43° F.
Mar. wet Bulb Ther. 44° F. Min. 39° F.

At Sea. Sunday, March 24, 1878.
Mouth of the English Channel.

Weather generally pleasant, passing showers first part of the day. Fresh breeze from the N.W. and E.N.E., blowing hard in squalls. Sail on ship at 12.00 M. single reefed foresail and main- sail close reefed fore and main topsails, fore topmast- and mizzen stay-sails. At mid night, double reefed fore and main topsails, single reefed foresail, fore topmast- stay-sail, and mizzen stay-sail. Kept away several times in squalls. Iron ship at 7.50 A.M. and 4.45 P.M.

Several sail in sight during the day. Set up the power chains and ranged them along the decks ready for bending. At 9 00 am got a cast of the lead in 60 fathoms (sand and shells).

Lat. at noon D.R. Long. D.R.
" " " Ob. 41° 04' 37" N. " Ob. 5° 49' 41" W.

Distance run by log 152. knots.

Max. bar. for the day. 29.84 in. Min. 29.64 in.
Max. dry bulb ther. 46° F. Min. 40° F.
Max. wet bulb ther. 44° F. Min. 39° F.

Monday, March 25, 1878.

At Sea, Mouth of the English Channel.

Clear and pleasant. Fresh breeze from N.W. by N. to N. by E. blowing very hard in squalls. Sea rough to moderate. Ship labouring easily. Sail on ship at noon;- Courses, double reefed fore and main topsails, fore topmast and mizzen staysails, and spanker. At mid. courses, fore and main topsails, single reefed mizzen topsails, fore and main top gallant sails, fore topmast staysail, single reefed spanker. Several sail in sight. A Dutch barque signalled for our Long. which was given her. Ran ship several times.

Lat. at noon DR 48° 53' 29" N. Long. DR. 6° 27' 22" W.
" " " Ob. 48° 45' 02" N. " Ob. 6° 46' 00" W.

Distance run by log. 102.4 knots Min.
Max. bar. for the day. 30.21 in Min. 29.86 in.
Max. dry bulb ther. 46° F. Min. 45° F.
Max. wet bulb ther. 44° F. Min. 42° F.

Tuesday, March 26, 1878.

At sea, Mouth of the English Channel.

Pleasant and hazy. Light airs from the N.a and W.d. Smooth sea. Sail on ship at noon;- All plain sail to royals, fore topmast and mizzan stay sails. At mid.:- topsails, topgallant sails, jib and fore topmast stay sail. Several sail in sight. Got several casts of the deep sea lead from 65 to 63 fathoms, sand and shells. Bent bower chains and got the anchors off the bow.

Lat. at noon D.R. 49° 09' 46" N. Long. D.R. 6° 27' 55" W.
" " " Ob 49° 01' 55" N. " Ob. 6° 12' 09" W.

Distance run by log 67.1 knots.

Max Bar for the day 30.21 in. Min 30.09 in.
Max dry Bulb thr. 48° F. Min. 43° F.
Max Wt Bulb thr. 46° F. Min. 42° F.

Wednesday March 27, 1878.

At sea, mouth of the English Channel.

Pleasant and hazy. Calms and light airs from the S.a and E.d. Sail on ship at noon:- All plain sail. At mid.:- topsails fore topmast stay sail and spanker. Several sail in sight. At 2.20 P.M. sighted a steamer to windward and signalled for a tow, fired a gun to attract attention but she did not reply. Exchanged colors with a English barque bound from Libau to Elsinore, 11 days out.

Lat at noon D.R. 49° 13' 10" N. Long. D.R. 6° 10' 47" W.
" " " Ob 49° 08' 20" N. " Ob. 6° 03' 37" W.

Distance run by log. 20.9 knots.

Max Bar for the day 30.08 in. Min. 29.68 in.
Max dry Bulb thr. 49° F. Min. 44° F.
Max Wt Bulb thr. 47° F. Min. 42° F.

Thursday March 28, 1878.

At Sea, Mouth of the English Channel.

Weather cloudy, misty, and threatening latter part of the day. Wind backing from S to S.S.E. and increasing from a light breeze to fresh with heavy squalls. Smooth sea. Sail on ship at noon;- plain sail to topgallantsails except jib, and mizzen staysail. At mid.;- close reefed fore and main topsails, mizzen staysail and fore storm staysail. At 6.00 A.M. hove to and received a pilot on board, but, as he was not a Channel pilot, discharged him. Quite a number of sail in sight during the day. At 12.30 P.M. exchanged signals with and English barque Constitution made B.D.-B.N.W.-B.P.T.-Ensign G.Q.J.C.-B.Q.J.S.-B.G.L.K. Ship answered English Ensign N.M.T.P.-B.J.Q.H.-B.L.D.C. The barometer fell steadily all day. Tacked ship several times.

Lat at noon D.R. 49° 28' 06" N. Long. D.R. 5° 29' 46" W.
" " " Ob. 49° 26' 04" N. " Ch. 5° 38' 35" W.

Distance run by Log. 63.6 knots.

Max. Bar. for the day 29.64 in. Min. 29.01 in.

Max. dry Bulb Ther. 46° F. Min. 41° F.

Max. Wet Bulb Ther. 46° F. Min. 41° F.

Friday, March 29, 1878.

At Sea, Mouth of the English Channel.

Weather overcast drizzling rain, misty threatening weather. Blowing a heavy gale from the N.W. and E.N.E. Very heavy sea. Ship rolling heavily but easily. Sail on ship at noon;- single reefed fore storm staysail, lee clew of close reefed main topsail, mizzen stay-

sail, and storm-mizzen. At mid. set fore storm stay-sail, mizzen staysail, main trysail, storm mizzen. Several sail in sight under close canvas, hove to. At 10.30 A.M. the lashings of the starboard lower boom worked adrift and the boom went overboard. At the same time the ship gave a heavy lurch to leeward, and the wheel took charge carrying away four of the spokes. From 4.00 to 5.00 P.M. Engaged in rearing ship to N.N.W. Set fore sail and fore storm staysail to pay her off, and then took them in again. At 4.50 P.M. Geo. H Young (O.S.) fell overboard from the bow-sprit, while engaged in stowing the fore topmast staysail. It was impossible, owing to the state of the sea, to lower a boat; a balsa and two life-buoys were let go, he was unable to catch them and was drowned. At 11.50 P.M. kept away and ran to leeward of a vessel, on whom we were apparently drifting; came to to leeward of him.

Lat at noon D.R. 49° 22′ 22″ N. Long. D.R. 6° 42′ 50″ W.
" " " Obs. " Obs.

Distance run by log. 79.1 knots.

Max. bar. for the day. 29.46 in. Min. 28.92 in.
Max. dry bulb ther. 44° F. Min. 38° F.
Max. wet bulb ther. 44° F. Min. 34° F.

Saturday, March 30, 1878.

At Sea, Mouth of the English Channel.

Wather pleasant, with passing showers of hail and rain. Wind blowing a gale from the N.d and E.a. backing round to N.N.W. and moderating to a fresh breeze. Sea Rough but moderating. Sail on ship at noon;- fore storm and mizzen stay sails, main trysail, and storm mizzen. At mid.;- Treble reefed fore and main topsails, single reefed courses, fore topmast stay sail, and Single reefed spanker. Several vessels in sight- lying to. At 9.30 A.M. a barque to windward and astern signalled H.C. & B.L.R. answered H.V.F. Barque signalled C. M. signalled L. V.S. (not answrd) and H.V.R. Barque answered D.J.M.L. M signalled B.N.J. and B.C.R. (not answrd) but signal H.C. again hoisted Made signal again D.L.M.V. which was answered. During the first dog watch the following signals were exchanged by the ships in distress on the lee beam, and the Constitution. By Constitution M.V.B. (not answrd) C.M.B.V. (ans.) B.G.L.K. (not ans.) By ship B.D. (ans. by hoisting ensign) By Constitution B.L.G. (not ans) The ships made sail and stood off W.by N. in an apparently sound condition. Last sight of her at 7.30 P.M.

Lat at noon D.R. 48° 40' 09" N. Long. D.R. 6° 34' 57" W.
" " " Ob. 48° 45' 58" N. Long Ob. 6° 17' 28" W.
Distance run by log 57 miles.
Max bar for the day 29.89 in. Min. 29.48 in.
Max dry bulb thr. 44° F. Min. 38° F.
Max wet bulb thr. 40° F. Min. 38° F.

Sunday March 31, 1878.

Mouth of the English Channel and Falmouth Harbor.
Weather generally pleasant, wind gentle to fresh from the N.W. and W.N.W. Smooth sea. Sail on ship at noon. All plain sail to royals except spanker. Several sail in sight during the day. During the forenoon watch made out a schooner or brig, about three miles to windward, with fore-mast gone, hove to under reefed maincail. Near her a barque, with all plain sail, hove to to offer assistance. Near this vessel a schooner scudding with foresail alone, apparently water logged. A large corvette or frigate, about four miles to leeward, steamed up to windward, apparently to the assistance of the distressed vessels. At 2.00 P.M. took and English fisherman on board for a pilot. At 2.10 P.M. made the land. Bearing (p.c.) N.N.E. At 6.00 P.M. took on board an English pilot and stood in to Falmouth. At 7.30 P.M. came to in Carrick Bay in 5 3/4 fathoms of water, veering to 50 fms. on port chain and 15 on starboard. Bent short chain. Received channel pilot on board.

Lat at noon D.R. 49° 21' 31" N. Long. D.R. 5° 52' 08" W.
Lat at noon Ob. 49° 17' 20" N. Long Ob. 5° 59' 00" W.
Distance run by Log. 82.1 knots.
Max. Bar. for the day 29.78 in Min. 29.22 in.
Max. dry bulb ther. 48° F. Min. 43° F.
Max. Wet bulb ther. 46° F. Min. 39° F.

Monday April 1, 1878.

Falmouth Harbor and English Channel.

Clear and pleasant. Light breze from the Nth and Wd. Received visits from an Officer of the Coast Guard, H.B.M Ships Lancaster, and the Consular Representative of the United States of North America. At 1.00 P.M. commenced to unmoor ship. Unmoored ship made sail & royals, and stood out of Falmouth in charge of pilot. At 2.30 discharged Falmouth pilot and took departure; Falmouth Light Bore (t.c.) N.W by N. Black Head Point S.W. ½ W. and the Manacles S.W. 3/4 W. Stood up the English Channel in charge of pilot. At 11.35 P.M. Start Point Light Bore (t.c.) N. by E. ½ E. Sail on ship at midnight; - fore topmast stay sail and all square sail, except main sail.

Max bar. for the day 29.37 in. Min. 29.20 in.
Max dry bulb Thr. 48° F. Min. 44° F.
Max Wet bulb Thr 46° F. Min. 38° F.

Tuesday, April 2, 1878.

English Channel.

Weather clear and pleasant, with breeze from N.W. to S.W. Standing up the English Channel in charge of pilot. Made the principal lights and headlands along the coast England as far as the Bill of Portland. At 10.45 A.M. sighted land on the French Coast and at 6.15 P.M. made La Hue Light-house bearing about E.N.E. E ½ E. Took a French pilot at 7.45 P.M. and stood off and on the port of Havre

until morning, under double reefed T'sails, fore & aft mast staysail and spanker.

Max. Bar. for the day 29.69 in. Min. 29.37.
Max. dry Bulb Ther. 49° F. Min. 41° F.
Max. Wet Bulb Ther. 46° F. Min. 40° F.

Wednesday, April 3rd, 1878.

English Channel, and Havre France.

Mathu overcast with drizzling rain. Wind fresh to light from S.W. to N.N.W. At 6.00 A.M. the Tow-Boat Jean Bart gave a line to the ship and we stood in to Havre under tow. Furled sail. Passed the French Mail Steamer "Ville de Paris" carrying away her fore topgallant mast and our quarter Boat. At 11.00 A.M. moored along side the Custom House wharf Basin de L'Eure. Exchanged numbers with the H.B.M.S. Supply. Cast anchor and hand and lead line. During the afternoon got aboard the mast of our 4th cutter, the davits and falls. Hoisted out the dingy. A Board convened on board to inquire into the cause of the collision of this ship and the "Ville de Paris", and visited that vessel to inquire into the damage done to her. Placed J. C. Stevenson (Ord.) under arrest's charge to await the action of the Court's. Office.

Max. Bar. for the day 29.69 in. Min. 29.56 in.
Max. dry Bulb Ther. 50° F. Min. 44° F.
Max. Wet Bulb Ther. 49° F. Min. 43° F.

Thursday April 4, 1878.

Havre France, Basin de l'Eure.

Clear and pleasant, light Brzs from the N.E. and N.W. Scraped & pars, unbent Topgallant sails, royals, flying jib, jib mainsail, and mizzen storm staysail. Rigged in jib, and flying jib-booms. Received visit from the Consul and Captain of the Port. The Supply hauled out from her berth and we moved down to take her place. Sold, at public auction, the Effects of Ead. H. Young, deceased.

Max. bar. for the day 29.85 in. Min. 29.65 in.
Max. dry bulb ther. 49° F. Min. 42° F.
Max. wet bulb ther. 46° F. Min. 40° F.

Friday, April 5, 1878.

Havre, France. Basin de l'Eure.

Clear and pleasant. Light airs from the N.E. Discharging cargo alongside the quay. By order of Cond'g. Officer released J. C. Stineman (Sea.) and allowed him to date. The Cond'g. Officer paid official visits to the Prefect, the Mayor, the Military Commander, the Captain of the Port, and the Director of the Port.

Max. bar. for the day 30.08 in. Min. 29.90 in.
Max. dry bulb ther. 50° F. Min. 41° F.
Max. wet bulb ther. 47° F. Min. 40° F.

Saturday April 6, 1878.

Havre France. Basin de l'Eure.

Clear and pleasant, Calms and

light westerly airs. Discharging cargo. At 10.30 A.m. the Supply made signal "there is a man-of-war outside. At 10.45 A.m Supply made signal "Cornet 208" and also "no Replaier, cornet, 168" (ans.) At 10.55 the U.S.S. Portsmouth came in, and made signal "Comet 33" - ans. - the Portsmouth came in, and hauled into the Vauban dock Received official visits from the Mayor of Havre, Col. Bernard of the Artillery, and the Comd'g. Officer of the Portsmouth.

Max. bar for the day 30.18 in. Min. 30.03 in.
Max. dry bulb thr. 53° F. Min. 40° F.
Max. Wet bulb thr. 48° F. Min 39° F.

Sunday April 7, 1878.

Havre, France, Basin de l'Eure.

Clear and pleasant. Light easterly airs increasing towards the latter part of the day. At 10.00 A.m. the Comd'g. Officer inspected crew and ships. Ed. M. Bridgman, and Garrett Dalton (private marines) were transferred from the Portsmouth to this ship and attached to the Special Marine Guard for the Exposition.

Max. bar for the day 30.16 in. Min. 29.93 in.
Max. dry bulb Thr. 58° F. Min 39° F.
Max. Wet bulb Thr. 52° F. Min. 38° F.

Monday, April 8, 1878.

Havre, France, Basin de l'Eure.

Clear and pleasant. Light-Easterly airs. Discharging cargo. Several men absent without leave. John Neil (C.F.C.) returned on leave over time. Phillips De Blanc (Cpl.) and J. M. Saylor (Pvt.)

was brought aboard by the police. The Director of Customs paid an official visit to the ship.
Max. Bar. for the day 29.90 in. Min. 29.78 in.
Max. dry bulb ther. 61° F. Min. 42° F.
Max. wet bulb ther. 57° F. Min. 40° F.

Tuesday, April 9, 1878.

Havre, France. Basin de l'Eure.

Weather generally pleasant, cloudy and raining showers latter end of the day. Wind fresh & light from E. to N.E. Discharging cargo. Several men absent without leave. John O'Neil, Sea returned at 10.30 A.M.
Max. Bar. for the day 29.84 in Min. 29.78 in.
Max. dry bulb ther. 56° F. Min. 43° F.
Max. wet bulb ther. 52° F. Min. 42° F.

Wednesday, April 10, 1878.

Havre, France. Basin de l'Eure.

Overcast and rainy. Light airs from N.E. to E.S.E. Discharging cargo until 3.00 P.M. when it was necessary to stop on account of the rain. Lieut E.W. Very, U.S.N. left the ship, having been detached by order of the Navy Dept. Several men absent without permission. John Erickson (B.M.) was brought on board by the police at 1.15 A.M. by order of the Condg. Officer. Wm Jamieson (P.M.) and John McCarthy (P.M.) received extra duty for having dirty belts and scabbards. Received on board 15500 gallons of water.
Max. Bar. for the day 29.86 in Min. 29.79 in.
Max. dry bulb ther. 54° F. Min. 46° F.
Max. wet bulb ther. 54° F. Min. 45° F.

Thursday, April 11, 1878.

Havre France. Basin de l'Eure.

Weather generally overcast and pleasant calms, and light airs from S.W. to N. Discharging cargo. Four men absent without having obtained by the civil authorities ashore. The Comdg. Officer of the French Corvette "Cracidil" paid a visit to the ship and an Officer was sent on board that vessel to return the call. The Comdg. Officer of this ship paid an official visit to the Director General and Chief of Marine. At 2.00 P.M. made signal to Supply 3093 - ans.

Max. bar. for the day 30.09 in. Min. 29.87 in.
Max. dry bulb thm. 55° F. Min. 48° F.
Max. wet bulb thm. 51° F. Min. 47° F.

Friday, April 12, 1878.

Havre, France. Basin de l'Eure.

Pleasant weather. Light airs from different directions. Finished discharging cargo. Nine men absent without leave. Six returned over time and one was brought on board by the police. By order of the Comdg Officer placed Wm Bell (C.Y.) and Chas. O'Neil (Sea.) under sentry's charge for attempting to smuggle liquor aboard. Loosed sail to dry, and furled them. The Chief of Marine for the District of Havre visited the ship. Richard Linn (P.M.) was brought on board under arrest by order of the Comdg Officer Paris Guard for transfer to this ship.

Max. bar. for the day 30.17 in. Min. 30.08 in.
Max. dry bulb thm. 60° F. Min. 46° F.

Saturday April 13, 1878.

Havre, France. Basin de L'Eure.

Pleasant and hazy. Light airs fm N. and E., S. and E., and S. and W. Six men absent without leave. Warped the ship down to the "Malakoff". Let go both bower anchors and carried out stern fast ashore. Released Wm Reese (c.s.) and Chas. O'Neill (sea.) from custody & charge to 2 order of Comdg. Officer. The French Steamer "Ville de Paris" left at 5.45 P.M.

Max. Bar. for the day 30.12 in. Min. 30.07 in.
Max. dry Bulb Ther. 63° F. Min. 46° F.
Max. Wet Bulb Ther. 59° F. Min. 44° F.

Sunday April 14, 1878.

Havre. France. On the "Malakoff".

Pleasant with passing showers. Light airs from S.E. to W. Six men absent without permission. One returned during the day. The Comdg. Officer inspected crew at quarters at 10.15 (Am.) The French mail steamer "Canada" came in.

Max. Bar. for the day. 30.09 in. Min. 30.02 in.
Max. dry Bulb Ther 65° F. Min. 52° F.
Max. Wet Bulb Ther 58° F. Min. 48° F.

Monday April 15, 1878.

Havre. France. On the "Malakoff".

Pleasant and hazy. Light airs from N.W. to N.E. Crew at work cleaning and repairing ship. Seven men absent without permission. Two

returned aboard at 10.45 am. Jno. McGrath Seaman was brought off by the police. Jacob Baker (Ords.) came off drunk. and was placed under Sentry's charge by order of the Condg. Officer. Enlisted Joseph Cantain as Ords. from April 8, 1878.
Max. Bar. for the day. 30.10 in. Min. 29.99 in.
Max. dry bulb ther. 64° F. Min. 51° F.
Max. wet bulb ther. 58° F. Min. 50° F.

Sunday, April 16, 1878.
Havre, France. On the "Malakoff".
Overcast and rainy. Light breze from the E'd and N.W., with calms. Crew at work about the ship. By order of the Condg. Officer released Wm. H. Baker from confinement. The U.S. Consul visited the ship.
Max. Bar. for the day 29.95 in Min. 29.80 in.
Max. dry bulb ther. 55° F. Min. 50° F.
Max. Wet bulb ther. 54° F. Min. 48° F.

Wednesday, April 17, 1878.
Havre, France. On the "Malakoff."
Cloudy. Light breze from N.W. & N.W.
John Climo (O.S.) absent without leave. At 9.00 A.M. the French transport Shamrock was towed into the basin, having just been launched at the yard of the Mediterranean Camps. Crew at work about ship. Received on board canvas for ships use.
Max. Bar. for the day 29.88 in Min. 29.83 in.
Max. dry bulb ther. 55° F. Min. 50° F.
Max. Wet bulb ther. 53° F. Min. 48° F.

Thursday, April 18, 1878.

Havre, France. On the "Malakoff".

Clear and pleasant in the middle of the day. Overcast and rainy the first and latter parts. John Alino (O.S.) absent without leave. One at work repiting rigging.

Max. Bar. for the day 29.90 in Min. 29.78 in.
Max. dry bulb ther. 58°F. Min. 51°F.
Max. wet bulb ther. 54°F. Min. 50°F.

Friday April 19, 1878.

Havre, France. On the "Malakoff".

Cloudy, occasional showers. Light airs from the N.E. and W.N.W., and S.E. and W.S.W. Sent down topgallant mast and royal rigging. Loosed, dried, furled, and unbent sail. Two Boards of Survey sits on board this ship to survey a quantity of bread, and several articles in the Navigators Dept.

Max. Bar. for the day 29.82 in. Min. 29.72 in.
Max. dry bulb ther. 62°F. Min. 53°F.
Max. wet bulb ther. 58°F. Min. 52°F.

Saturday April 20, 1878

Havre, France. On the "Malakoff".

Overcast and rainy. Light airs from different points of the compass. Several men absent from 8 A.M. muster returned on board during the day. By order of the Condg. Officer John Alino (O.S.) was declared a deserter. The French Mail Steamer "Saint Laurent" left.

Max. Bar. for the day 29.70 in Min. 29.56 in.
Max. dry bulb ther. 57°F. Min. 52°F.

Sunday April 21. 1878.

Havre, France. On the "Malakoff".

Weather generally pleasant, with passing showers. Wind fresh to light from the Sth and Wth. The Sanitary Officer inspected ship's and crew. Divine service was held on board by a Chaplain from shore. The Pa. Reading Railway Co's Steamer "No 14" came in.

Max. Bar. for the day 29.80 in. Min. 29.65 in.
Max. dry bulb thr. 62° F. Min 48° F.
Max. wet bulb thr. 54° F. Min. 46° F.

Monday April 22, 1878.

Havre, France. On the "Malakoff."

Clear and pleasant. Calms, and light airs from the Sth and Eth. Sent ashore 2240 lbs of condemned bread to be sold at public auction. Crew at work overhauling rigging. At 3.20 P.M. the U.S.S. Constellation in the offing made "Comm 32". Ans. with "Comm 33". Constellation then made 6149 ans. 904. The U.S.S. Portsmouth hauled in and moored on our port side. At 10.20 P.M. the U.S.S. Wyoming made her number, with Coston night signals in the offing. Transferred Rich. Linn (P.M.) to the U.S.S. Portsmouth, and A. Hunn (P.M.) was transferred from the Paris Guard to this ship.

Max. Bar. for the day. 29.88 in. Min. 29.71 in.
Max. dry bulb thr. 59° F. Min. 45° F.
Max. wet bulb thr. 54° F. Min. 45° F.

Tuesday, April 23, 1878.

Harbor, Granville. In the "Malakoff".

Overcast and cloudy. Light breezes from the Sth and E^st. Sauntered in Lower Chaine, unrove new and rove off old braces, refitting rigging and preparing to settle down. The U.S.S. Constellation and Wyoming came in, and their Comd^g. Officers paid official visits to this ship.

Max. Bar. for the day 29.69 in. Min. 29.47 in.
Max. dry bulb thr. 57°F. Min. 48°F.
Max. wet bulb thr. 55°F. Min. 48°F.

Wednesday, April 24, 1878.

Harbor, Granville. In the "Malakoff".

Weather generally pleasant. Light wind from E by S. and N.E. Crew at work refitting rigging

Max. Bar. for the day 29.63 in. Min. 29.49 in.
Max. dry bulb thr. 62°F. Min. 50°F.
Max. wet bulb thr. 59°F. Min. 50°F.

Thursday, April 25, 1878.

Harbor, Granville. In the "Malakoff".

Overcast and rainy first part, clear and pleasant latter part of the day. Lights to fresh breezes from the Nth and E^st. Scraped spars. Enlisted Nicholas Etienne Emerand as Ord. at 2.45 P.M. the French mail steamer "La France" left the harbor.

Max. Bar. for the day 29.85 in Min. 29.61 in.
Max. dry bulb thr. 56°F. Min. 48°F.
Max. wet bulb thr. 53°F. Min. 47°F.

Wednesday, April 26, 1878.

Havre, France. On the "Malakoff".

Pleasant weather. Fresh breeze from the N.E. and E.N.E., hauling to the N.N. and N.W.

Fidded t'gallantmasts. Crew at work refitting rigging and rattling down.

Max. bar. for the day. 30.06 in. Min. 29.84 in.

Max. dry bulb thr. 53° F. Min. 46° F.

Max. wet bulb thr. 50° F. Min. 45° F.

Thursday April 27, 1878.

Havre, France. On the "Malakoff".

Clear and pleasant. Light breeze from the N.N.E. and E.N.E. Crew at work rattling down. The U.S.S. Wyoming came down the basin and made fast to the wharf abreast this ship. The Constellation made signal 5405 (int.) ans: 904. The French mail steamer "Labrador" left the harbor as also did the American ship "Zaphyr". The French mail steamer "Perrier" came in. The Commissaire General de la Marine, and a Capitaine de Fregate, Inspector of the Coast and Fisheries visited the ships.

Max. bar. for the day 30.20 in Min. 30.09 in.

Max. dry bulb thr. 56° F. Min. 44° F.

Max. wet bulb thr. 52° F. Min 43° F.

Sunday, April 28, 1878.

Havre, France. In the "Malakoff".

Clear and pleasant. Winds
Variable from N.E. by N. to E. S.E.

Divine Service was held on board
a Chaplain from shore officiating.
The U. S. Consul and Vice Consul at-
tending service. An Officer from the
French Frigate "Curie" paid an
official visit to the ship. The
U. S. S. Supply made signal int.
5040 ans. 904.

Max. Bar. for the day. 30.18 in. Min. 30.03 in.
Max. dry Bulb Ther. 65° F. Min. 43° F.
Max. wet Bulb Ther. 60° F. Min. 42° F.

Monday, April 29, 1878.

Harbor, France. In the "Malakoff".

Overcast and Cloudy, driz-
zling rain latter part of the day. Light
Winds from the S.W. and S.W. Unl.
at work rattling down. The Wyoming
hauled out from the wharf and the
Constellation warped down the basin
and made fast alongside the wharf.
At 10.45 a.m. Wyoming made signal
int. 4560 ans. 904. At 5.40 P.M. Con-
stellation made signal int. 5040
Ans. 904. At 6.30 P.M. the Wyoming made
signal 4890 ans. 904. At 7.00 P.M.
the Wyoming got underway and
steamed out of the harbor. Re-
ceived on board stores in the

Equipment, Navigators, and Ordnance Departments. Paymaster A.W. Allen U.S.N. left the ship on official duty. Lieut. J.W. Carlin, U.S.N. and Ensign F.S. Carlin, U.S.N. left the ship with leave of absence for one month.

Max. Bar for the day. 30.01 in. Min. 29.76 in.
Max. dry bulb thm. 61°F. Min. 51°F.
Max. wet bulb thm. 57°F. Min. 49°F.

Tuesday, April 30, 1878.

Havre, France. On the "Malakoff."

Overcast and rainy. Light winds from all points of the compass. At 6.29 A.M. the U.S.S. Wyoming got underway in the offing and steamed up the "Seine". At 11.25 A.M. the Constellation made int. signal "to loose sail". Granted. At 3.40 P.M. Constellation signalled int. 4826. Ans 904. At 2.20. Supply signalled Int. 3918 Ans. 904. Lieut D.B. Braun U.S.M.C. was granted ten days leave from this date. Discharged Geo. H Edds (ships mate) from the ship and. Naval Service, at his own request.

Max. Bar. for the day. 29.76 in. Min. 29.67 in.
Max. dry bulb thm. 63°F. Min. 53°F.
Max. wet bulb thm. 59°F. Min. 53°F.

Wednesday May 1, 1878.

Harbour, Crimea. In the "Malakoff".

Cloudy, passing showers.
Variable wind and light. Crew at work rattling down and tarring
Max. Bar for the day 29.77 in Min. 29.62 in.
Max. Dry Bulb Thr. 64° F. Min. 54° F.
Max. Wet Bulb Thr. 59° F. Min. 53° F.

Thursday, May 2, 1878.

Harbour, Crimea. In the "Malakoff".

Overcast and cloudy, foggy during the first part of the day. Two men absent without permission. Received on board and rove off chain tyes for main topsail yard. Set up and shipped awning stanchions and ridge ropes.
Max. Bar. for the day. 30.08 in. Min. 29.78 in.
Max. Dry Bulb Thr. 56° F. Min. 52° F.
Max. Wet Bulb Thr. 54° F. Min. 51° F.

Friday, May 3, 1878.

Harbour, Crimea. In the "Malakoff".

Pleasant weather. Light airs from S.S.W. to N.N.W. Crew at work painting spars and Ellison men absent without permission. Two of them returned during the day, and one was brought on board by a police man. At 2 00 P.M. hauled down senior officers pennant and hoisted Commdg officers pennant at the main. Supply hoisted senior officers pennant.

Max. Bar. for the day. 30.12 in. Min. 30.08 in.
Max. dry bulb thr. 61°F. Min. 50°F.
Max. wt bulb thr. 58°F. Min. 49°F.

Saturday, May 4, 1878.

Havre, France. On the "Malakoff."

Clear and pleasant. Light winds from N.E. and N.W. Five men absent without leave. By order of the Condg. Officer confined Jno. McCarthy in double irons for assaulting the Ship's Caporal; also Jno McGrath for drunkenness and disorderly conduct Received from the "Constellation" Stores in the Dep't's. of Equipment and Construction. The French mail steamer Canada left the harbor

Max. Bar for the day. 30.17 in Min. 30.10 in
Max dry bulb thr. 55°F. Min. 48°F.
Max wt bulb thr. 51°F. Min. 46°F.

Sunday May 5, 1878

Havre, France. On the "Malakoff."

Clear and pleasant. Gentle breeze from the S.E. and E.S.E. Seven men absent without permission. Six of them returned during the day. At 9.45 A.M. called "all hands to muster" and read the "Articles for the better government of the Navy" Held Divine Service on board a Chaplain from shore officiating.

Max. Bar. for the day 30.12 in. Min. 29.82 in.
Max. dry bulb thr. 64°F. Min. 44°F.
Max. wt bulb thr. 57°F. Min. 43°F.

Monday May 6, 1878.

Harbor, France. On the "Malakoff."

Cloudy and hazy, rainy latter part of the day. Fresh breeze from the S.W. and E. and S.E. Five men absent without leave, three returned during the day. Crew painting gun deck. Ensign Reich, U.S.N. and Commodore W. V. Brownough, U.S.N. left the ship with thirty days leave.

Max. Bar. for the day. 29.79 in Min. 29.66 in.
Max. dry Bulb Ther. 64° F. Min. 55° F.
Max. Wet Bulb Ther. 59° F. Min. 53° F.

Tuesday May 7, 1878.

Harbor, France. On the "Malakoff."

Overcast and cloudy. Light breeze from the N.W. and W. Four men absent without leave. Two returned during the day. Released from confinement Jno. McGrath (col'd) by order of the Cond'g. Officer. Crew at work painting gun deck and in rigging the cutter davits.

Received on board stores in the Navigator's Dep't. The Subsky hauled down Senior officers pennant and Constellation hoisted.

Max. Bar. for the day. 29.73 in. Min. 29.68 in.
Max. dry Bulb Ther. 60° F. Min. 54° F.
Max. Wet Bulb Ther. 57° F. Min. 51° F.

Wednesday May 8, 1878

Harbor France. On the "Malakoff".

Pleasant weather. Breeze fresh & light from all points of the compass.

Crew at work painting around upper deck. Two men absent without leave. Returned John McCarthy (O.S.) from confinement, by order of the Condg Officer. Confined Andrew Parker (ord.) in double irons for attempting to leave the ship without permission. Henry Collins left the ship without permission. Made preperations to receive the Prefect of Havre but an account of the matter he sent excuses and did not come.

Max bar. for the day. 29.78 in Min. 29.70 in.
Max dry bulb ther. 60°F. Min. 50°F.
Max wt bulb ther. 55°F. Min. 49°F.

Thursday, May 9, 1878.

Havre, France. On the "Malakoff".

Clear and pleasant, passing showers. Light breeze from the East. Three men absent without leave. Crew at work painting ship. Workmen repairing scuppers.

Max. bar. for the day 29.85 in. Min. 29.78 in.
Max. dry bulb ther. 64°F. Min. 46°F.
Max. wt bulb ther. 59°F. Min. 45°F.

Friday, May 10, 1878.

Havre, France. On the "Malakoff".

Clear and pleasant. Fresh breeze and squally from the E.S.E. Four men absent without leave. Crew at work painting. Workmen from ashore repairing scuppers. Master L. L. Reamy, U.S.N. and 1st Lieut. Richard Wallace, U.S.M.C. reported on board

-ior duty. Transferred John C. Klaumann, Sea., to the "Constellation", he having been brought on board by the police, having left the ship without permission. The American ship "Thomas Lord" of Boston went to sea. Saluting by dipping her colors, which were returned.
Max. bar. for the day 29.84 in. Min. 29.70 in.
Max. dry bulb ther. 68° F. Min. 53° F.
Max. wet bulb ther. 65° F. Min. 52° F.

Saturday May 11, 1878.

Harn, France. On the "Malakoff".

Clear and pleasant light airs from different points of the compass. Three men absent without leave. Workmen from shore repairing scuppers. J. J. Burke (sea) was tried by the civil courts ashore for assaulting the police, and sentenced to two months imprisonment. 1st Lieut J. B. Rence, U.S.M.C. returned from leave. The Hamburg American Steamer went to sea at 4.30 A.M. At 4.30 P.M. the U.S.S. Constellation left the harbor, and hauled down the senior officers pennant, which was hoisted on this ship at 4.45 P.M.
Max. bar. for the day. 29.75 in. Min. 29.59 in.
Max. dry bulb Ther. 68° F. Min. 58° F.
Max. wet bulb Ther. 63° F. Min. 56° F.

Sunday May 12, 1878.

Harn, France. On the "Malakoff."

Pleasant weather, passing showers. Light airs from the S.E. and E.S.E., and S.E. and W.S.W. with occasional squalls. At 8.15 A.M. Edwin Williams (C. M. S. V.) returned on Board. At 8.10 A.M. Phillip Le Blanc (Cap.) was brought on Board by the police, and his fine paid, he having been arrested for disturbing the public peace. The North German steamer "Vandalia", and the French mail steamer "Ville de Paris" came into the harbor. At 9.50 A.M. Boat to quarters and the Cond.g Officer inspected the ship.

Max. Bar for the day 29.74 in. Min. 29.64 in.
Max. dry Bulb Ther. 71° F. Min. 55° F.
Max. wt Bulb Ther. 62° F. Min. 54° F.

Monday, May 13, 1878.

Havre, France. On the "Malakoff".

Pleasant weather with passing showers, thunder and lightning. Wind light to fresh from the S.E. and W.S.W. Crew at work painting.

Max. Bar. for the day 29.76 in. Min. 29.62 in.
Max. dry Bulb Ther. 65° F. Min. 56° F.
Max. wt Bulb Ther. 60° F. Min. 55° F.

Tuesday May 14, 1878.

Havre, France. On the "Malakoff".

Weather generally pleasant, passing showers. Wind light to fresh from the S.E. and E.S.E., S.E. and W.S.W., and N.E. and W.S.W. One man absent without leave.

Max. Bar. for the day. 29.74 in. Min. 29.50 in.
Max. dry Bulb Ther. 60° F. Min. 57° F.

Wednesday, May 15, 1878.

Havre, France. On the "Malakoff".

Weather overcast and squally. Fresh breeze from the S.E. and W. One man absent without leave. At 8.10 P.M. the Royal mail steamer "Lagus" came in to the Basin and was placed in quarantine.

Max. bar. for the day. 29.74 in. Min. 29.64 in.
Max. dry bulb thr. 64°F. Min. 53°F.
Max. wet bulb thr. 64°F. Min. 52°F.

Thursday, May 16, 1878.

Havre, France. On the "Malakoff".

Overcast and cloudy, drizzling rain. Breeze fresh and squally from the S. and W. One man absent without leave. The American barque "Syra" of Pembroke came into the Basin. Placed Joseph Antoine (N.R. St.); Joseph Grandjean (Ds.) and Jacob Hayes (Ds.) under sentry's charge for safe keeping; they being under the influence of liquor. Captain C. C. Badger, U.S. Navy, returned on board ship leave.

Max. bar. for the day 30.01 in. Min. 29.78 in.
Max. dry bulb thr. 62°F. Min. 54°F.
Max. wet bulb thr. 58°F. Min. 53°F.

Friday, May 17, 1878.

Havre, France. On the "Malakoff".

Pleasant weather. Fresh breeze from the S.E. and W. working round by W. to the N.E. and E. Released Joseph

Antoine (W.R.S.C.), Joseph Grandjean (Eds.), and Jacob Hayes (Eds.) from sundrys charges. Two men absent from the ship without permission. One of them returned during the day. Sent an officer to offer the usual civilities to the Comdg. Officer of the French Gunboat Coligny.

Max. bar. for the day 30.14 in. Min. 29.98 in.
Max. dry bulb thr. 71° F. Min. 62° F.
Max. Wt bulb thr. 66° F. Min. 57° F.

Saturday May 18, 1878.

Havre, France. On the "Malakoff".

Clear and pleasant, passing showers. Light breeze from the Sth and E^st., and N^th and W^st. By order of the Comdg. Officer Wiliam Andrew Parker (sea.) from confinement. At 9.15 a.m. the Captain of the French Gunboat Coligny paid an official visit to this ship. The French Gunboat "Coligny", the French mail steamers "Ville de Paris" and "Martinique", and the North German steamer "Lessing" left the Basin.

Max. bar. for the day 30.08 in. Min. 29.93 in.
Max. dry bulb thr. 67° F. Min. 57° F.
Max. Wt bulb thr. 64° F. Min. 55° F.

Sunday May 19, 1878.

Havre, France. On the "Malakoff".

Clear and pleasant. Breeze from the W^st. At 9.45 a.m. the Comdg. Officer inspected ship and crew at quarters. Rev. Mr. Taylor

mld Divine Service on board. At 6.00 P.M. the "Supply" hoisted Junior officers pennant. Hauled down the Junior officers pennant and hoisted Cmd'g. Officers pennant at the main, on this ship. The French Mail steamer "St. Laurent" came in.

Max. Bar. for the day 30.15 in. Min. 30.05 in.
Max. Dry Bulb thr. 62° F. Min. 55° F.
Max. Wt Bulb thr. 60° F. Min. 51° F.

Monday May 20, 1878.

Harbour, France. In the "Malakoff".

Overcast, drizzling rain. Wind Light to fresh from the S^d and W^d. One man absent without leave.

Max. Bar. for the day 30.13 in. Min. 29.90 in.
Max. Dry Bulb thr. 56° F. Min. 52° F.
Max. Wt Bulb thr. 53° F. Min. 49° F.

Tuesday, May 21, 1878.

Harbour, France. In the "Malakoff."

Clear and pleasant. Fresh breezes from the N^d and W^d. One man absent without leave. The English, Persian and Prussian Consuls visited the ship and were received with the usual Ceremonies.

Max. Bar. for the day. 30.06 in Min. 29.96 in.
Max. Dry Bulb thr. 54° F. Min. 49° F.
Max. Wt Bulb thr. 49° F. Min. 45° F.

Wednesday, May 22, 1878.

Harbour, France. In the "Malakoff".

Clear and pleasant. Breezes

fresh to light, from the N.E. and N. shifting to the S.E. and E.S.E., by 8 A.M. One man absent without leave. By order of the Comdg. Officer Jas. Horton (C. Mig. T.), and Wm. D. Bartley (2as.) were placed in double irons for fighting.
Max. Bar. for the day 30.08 in. Min. 29.93 in.
Max. dry bulb thr. 58° F. Min. 51° F.
Max. Wt bulb thr. 52° F. Min. 49° F.

Sunday, May 23, 1878.
Havre, France.

Overcast and drizzling rain. Wind light to fresh from the S.E. and N.E. During the morning watch, cast off stern fastenings and hauled them ashore, shipped the bower chain which was taken by the "Portsmouth", bore short on the starboard chain and made preparations for hauled into the dry-dock. During the day hauled her into the dock and the dry-dock workmen shored her up. By order of the Comdg. Officer released Jas. Horton (C. Mig. T.) and Wm. D. Bartley (2as.) from double irons. Hoisted senior officers pennant and hauled down coach-whip.
Max. Bar. for the day 29.54 in. Min. 29.40 in.
Max. dry bulb thr. 60° F. Min. 52° F.
Max. Wt bulb thr. 55° F. Min. 51° F.

Friday, May 24, 1878.

Havre, France. In the Dry Dock.

Overcast and rainy. Light breeze from the Nd. Engaged in rigging staging under the stern, and making preparations for washspring rudder. Chas. McMorter Jas. was temporarily transferred, with bag and hammock, to the H. S. S. "Portsmouth". Hamburg steamer came in.

Max. Bar. for the day 29.54 in. Min. 29.40 in.
Max. dry bulb thr. 60° F. Min. 52° F.
Max. wet bulb thr. 55° F. Min. 51° F.

Saturday, May 25, 1878.

Havre, France. In the Dry Dock.

Overcast and rainy first part of the day, clear and pleasant latter part. Mid light to inch from the N.W. Unshipped the rudder. Mechanics from shore at work under the port counter. The North German steamer from Hamburg, and the French mail steamer St. Laurent left the harbor. Placed Patrick Cox (P.M.) under Smith's charge for safe keeping; he being under the influence of liquor. Engineer F. S. Reich and Cadet Snider. W. T. Brodrough returned on board from leave.

Max. Bar. for the day 29.90 in Min. 29.52 in.
Max dry bulb thr. 57° F. Min. 51° F.
Max wet bulb thr. 53° F. Min. 50° F.

Sunday, May 26, 1878.

Havre, France. In the Dry Dock.

Pleasant with frequent passing showers. Light breeze from S.W. to N.N.W. Phillips LeBlanc (Can.), Sergeant O'Brien and John Cox (P.M.) absent without leave. Inspected divisions at quarters at 9.45 a.m. Released P. Cox (P.M.) from double irons. Confined Jas. Erickson (P.M.) and John Cox (P.M.) in double irons for leaving ship without permission. Phillips LeBlanc (Can.) & O'Brien (Sergt.) returned aboard. Shipped John Pingeat (Cas.) for cruise (special service) The Danish steamer "Erik" in passing down the Basin dipped her colors to us, returned the courtesy.

Max. Bar. for the day 29.97 in. Min. 29.91 in.
Max. dry bulb ther. 61° F. Min. 51° F.
Max. wt bulb ther. 57° F. Min. 49° F.

Monday, May 27, 1878.

Havre, France. In the Dry Dock.

Pleasant with frequent showers. Light breeze from the S.E. and N.E. Lieut. Carlin, U.S.M. returned from leave. Master H. H. Crosby, U.S.N. left the ship on leave.

Max. Bar. for the day 29.94 in. Min. 29.85 in.
Max. dry bulb ther. 59° F. Min. 52° F.
Max. wt bulb ther. 56° F. Min. 51° F.

Tuesday May 28, 1878.

Havre, France. In the Dry Dock.

Pleasant first part of the day, overcast and rainy latter part. Light breze from the N.W. and E.ly. One man absent from muster without leave. Ensign Alex. Sharp U.S.N. left the ship on leave. Mechanics from shore at work under port quarter. The French mail steamer Labrador came in.

Max. Bar. for the day 29.84 in. Min. 29.73 in.
Max. dry bulb thr. 55°F. Min. 48°F.
Max. wt bulb thr. 55°F. Min. 48°F.

Wednesday, May 29, 1878.

Havre, France. In the Dry Dock.

Overcast, drizzling rain. Light breze from the N.N.E. John Potter (Sea.) absent without leave from muster was afterward brought on board by the police and a fine of 25 francs paid. Ensign F. S. Carter U.S.N. returned from leave.

Max. Bar. for the day 30.06 in. Min. 29.75 in.
Max. dry bulb thr. 56°F. Min. 51°F.
Max. wt bulbs thr. 55°F. Min. 50°F.

Thursday, May 30, 1878.

Havre, France. In the Dry Dock.

Mather overcast and cloudy first part of the day, clearing towards the latter part. Light breze from the N.W. and E.ly. Dock workmen

at work under port quarter. By order of the Condg. Officer confined E.D. Handlin (Sea.) in single irons, for being intoxicated and absent from the ship without permission.
The following men returned from Paris and reported on Board for duty:- A. Curran, (Sea.) Wm. Johnson (Sea.), John Shugrue (Sea.), C.H. Collins, (Sea), A.P. Buraman, (C.S.)
Max. Bar. for the day 30.14 in. Min. 30.05 in.
Max. dry bulb thr. 58° F. Min. 52° F.
Max. Wt bulb thr. 56° F. Min. 51° F.

Friday May 31, 1878.
Havre, France. In the Dry Dock.
Overcast and cloudy first part of the day. Clear and pleasant latter part. Light Breze from N.N.E. to E.S.E. Mechanics from shore at work under port quarter.
By order of the Condg. Officer a Board consisting of Surgeons Jones and Smith, and Asst Surgeon Egra Dorr convened on Board to Examine physically, J. H. Chapman, Pay Clerk, U.S.N. for admittance to the Navy as Asst. Paymaster. Ensign Sharp, U.S.N. returned from leave.
Max. Bar. for the day 30.04 in. Min. 29.91 in.
Max. dry bulb thr. 64° F. Min. 52° F.
Max. Wt bulb thr. 59° F. Min. 51° F.

Examined
O'Brien
Captain U.S.N.
Condg.

Saturday, June 1, 1878.

Moored France.

Clear and pleasant, light breeze from the Eastward. At muster found Robt. Morrisey (Sea) and Pat. Downey (Ord.), absent without leave.

The Hamburg Steamer and the French mail steamer "Labrador" left the dock, and the French mail steamer "Amerique" came in. Finished the work on the hull, shipped the rudder, and have it over both rays to try the working. During the afternoon hauled out of the dock, and hauled down to the old berth. Let go starboard anchor and veered to 13 fathoms on starboard chain. Took port chain from "Portsmouth". 25 fathoms on port chain. Stream chain, doubled, made fast to the wharf, from each quarter, for stern mooring.

Confined John McGrath (Sea.) in single irons, by order of the Comdg. Officer, for shirking his duty, and disobedience of orders.

Max. Bar. for the day 30.02 in. Min. 29.94 in.
Max. dry Bulb Ther. 70° F. Min. 52° F.
Max. Wet Bulb Ther. 60° F. Min. 50° F.

Sunday, June 2, 1878.

Moored France. On the "Malakoff".

Overcast and drizzling rain. Wind light to moderate from E. by N. to S. E.

At 7.45 a.m. mustered crew, and found Robt. Morrisey (Sea), and Pat. Downey (Ord.) absent without leave.

At 9.45 a.m. mustered and inspected crew at quarters, and at 10.15 a.m. the Comdg. Officer

nder the command of Captain O.C. Badger, U.S. Navy.

inspected ship, and crew at quarters.

Released Patrick Cox (P.M.); Jefferson Erickson (P.M.), , and E.D. Handlin (Sea.) from confinement; by order of the Comdg. Officer. Shipped Henry Swartz, as Ordinary Seaman, for the cruise, from June 1, 1878. Discovered a leak in the after Bread-room, coming from the flood-cock pipe of the after magazine; stopped it temporarily by driving a pine plug into the hole. French mail Steamer from the United States in sight in the offing.

Max. Bar. for the day 30.03 in. Min. 29.94 in.
Max. dry bulb thr. 62° F. Min. 52° F.
Max. Wt bulb thr. 58° F. Min. 50° F.

Monday, June 3, 1878.

Havre, France. "Bassin de l'Eure".

Overcast & not pleasant. Light breeze from the Westward. Robt. Morrisey (Sea.) and Pat. Downey (O.S.) absent from muster without leave. Receiving water on board. Paymaster R.W. Allen returned from leave. Lieut. Comdr. W.H. Whiting, U.S.N. left the ship on leave. French mail Steamer from the United States came in. U.S. Consul visited the ship.

Max. Bar. for the day 30.02 in. Min. 29.95 in.
Max. dry bulb thr. 64° F. Min. 54° F.
Max. Wt bulb thr. 59° F. Min. 53° F.

Journal of a cruise of the United States Ship Constitution. 3rd Batt. 2 Cruise.

Tuesday, June 4, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant, passing showers.

Wind light to fresh from N.W. by W. to S.S.W.

Mustered crew at 8.45 a.m. Receiving water on board. Received from the United States ship "Portsmouth" Christopher Mc Whorter (Ord.) with his bag and hammock.

Max. Bar. for the day 30.02 in. Min. 29.91 in

Max. dry Bulb ther. 65° F. Min. 57° F.

Max. Wet Bulb ther. 62° F. Min. 55° F.

Wednesday, June 5, 1878.

Havre, France. "Bassin de l'Eure"

Pleasant mathin, occasional showers.

Fresh breeze from W.S.W. to W.N.W.

At 8.45 a.m. mustered crew and found Chas. Hart (Sea.), Wm Reese (C.F.T.), John H. Brackeny (Ord.) Robt. Cooley (C.F.T.), John Pattin (Sea.), Pat. Downey (O.S.), Robt Morrissey (Sea.), and Thos. ODonnell (P.M.) absent without leave. John Pattin (Sea.) (one hour over time), and Wm Reese (C.F.T.), Robt Cooley (C.F.T.) John H. Brackney (Ord.) (three hours and a half over time) returned on board. By order of the Captain released John Mc Grath (Sea) from confinement Finished watering ship having received on board 15378 gallons, Received in Construction Department 25 shuts of tin and one pound of tin tacks. Heinrich Enno (Sea) returned on board having been slightly stabbed in a row on shore. Pat. Downey (O.S.) and Robt Morrissey (Sea.) returned on board,

having been absent without leave, and was placed in double irons by order of the Captain.

May. Bar. for the day 30.23 in Max. 30.03 in.
May. dry bulb thr. 60° F. Max. 55° F.
May. wet bulb thr. 58° F. Max. 53° F.

Thursday, June 6, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light breezes from the N.E. and W.N.W. Ones at work painting ship outside. Hoisted two 8 in guns from the gun to the spar-deck at 8.30 a.m. Andrew Parker (Sea) was caught attempting to smuggle liquor on board, and was placed in double irons, by order of the Captain, to await trial by Summary Court Martial. Thos. O'Donnell (R.M.) returned on board, 29 hours over time.

Ensign C.W.F. Winslow, U.S.N. left the ship on leave.

May. Bar. for the day 30.36 in. Max. 30.23 in.
May. dry bulb thr. 63° F. Max. 54° F.
May. wet bulb thr. 60° F. Max. 53° F.

Friday June 7, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather. Light airs from the N.E. and S.E. Painting ship outside. Jas. Mann (C.S.) was brought on board by Mayors police and by order of the Captain a fine of six francs was paid for his apprehension. By order of the Captain a Court composed of J.W. Carlin, Lieut., Karl Rohrer, Lieut., H.G. Dockton, Mastr, and J.B. Bull, 2d. U.S.M.C. recorder was convened on board for the trial of Andrew Parker (Sea.) and Robt. Morrissey (Sea.) Comdr. F.V. McNair, U.S.N. paid an official visit to the ship.

Max Bar. 30.29 in. Min. 30.02 in. Max dry bulb 70° F. Min. 50° F. Max wet bulb 62° F. Min. 50° F.

Journal of a cruise of the United States Sailing Frigate Constitution 3rd Rate, 2 Guns.

Saturday, June 8, 1878.

Harv, France. "Bassin de l'Eure".

Pleasant with frequent passing showers. Moderate breeze from the S.W. and S.S.W. Crew at work painting outside of ships and waterways and hatches of gundeck. At 8.45 am mustered crew and found Michel Mingarou absent without leave. He returned during the day. The Summary court martial for the trial of Andrew Parker (Sea) and Robt. Morrissey (Sea), or of such others as may be legally brought before it, was convened on board from 9.40 to 11.20 am and from 12.30 to 1.50 PM. when it adjourned to await the action of the revising authority.

The German steamer "Guerre" and the French mail steamer "Canada" left the dock. The French mail steamer Perier came in. The United States Consul visited the ship. Paymaster B.W. Allen, U.S.N. and master H.J. Slack-ton, U.S.N. left the ship on leave.

Max. Bar. for the day 29.99 in Min. 29.71 in.
Max. dry Bulb Ther. 72°F. Min. 58°F.
Max. wet Bulb Ther. 67°F. Min. 56°F.

Sunday, June 9, 1878.

Harv, France. "Bassin de l'Eure".

Pleasant with frequent passing showers. Wind fresh and squally from the S.W. and W. At 9.30 am called "All hands to quarters" and the divisions were inspected and mustered by their respective officers. At 10.25

Beat to quarters and the ship and crew inspected by the Captain. By order of the Captain the ligatures were taken off of Andrew Parker (Sea.), Robt Mooney (Sea) and Patrick Downey (O.S.)

Max. Bar. for the day 29.78 in. Min. 29.69 in.
Max. dry bulb thr. 70°F. Min. 68°F.
Max. wt bulb thr. 65°F. Min. 56°F.

Monday, June 10, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant mather with passing showers. Wind blowing from a moderate gale to a light breeze from the S.W. and W.N.W. Crew at work painting ship. Aug. 1st Cmd (Sea) absent from muster without leave rhimed 6 hours over time. At 10.00 AM called the 1st and 2nd gun crews to quarters and exercised the former at great gun, and the latter with small arms. Read to Andrew Parker (Sea.), and Robt Mooney (Sea), the sentence of the Court-Martial in their cases and the opinion of the Captain upon the Sentence. By order of the Captain released the above prisoners from confinement. Aired Bedding. Master L.S. Beamy, U.S.N., and 1st Lieut R. Wallace, U.S.M.C. left the ship on leave.

Max. Bar. for the day 29.99 in. Min. 29.87 in.
Max. dry bulb thr. 66°F. Min. 57°F.
Max. wt bulb thr. 61°F. Min. 55°F.

Tuesday, June 11, 1878.

Farm, France. "Bassin de l'Eure".

Overcast with drizzling rain.

Crew brought from the 1st and 2nd and 3rd & 4th.

At 8.45 Am. mustered crew and found Gen. G. Williams (R.M.) absent without leave.

At 9.00 Am. exercised 3rd guns crew at great guns and 4th guns crew with small arms. A Medical Board of Survey of which Surgeon W.H. Jones, U.S.N. was senior member, met on board, in the case of John McGrath (Sea.) At 2.30 P.M. made signal (B) "Surgeon" for Comdg. Officer to repair on board this ship. Noah Hancock (P.M.) was transferred from the Paris Guard to this ship. He was placed under the master's charge, by order of the Captain, for safe keeping. At 6.00 P.M. the French-Brazilian mail steamer "Saint Martin" came in.

Max. Bar. for the day 29.92 in. Min. 29.70 in.
Max. dry bulb Ther. 63° F. Min. 55° F.
Max. wet bulb Ther. 59° F. Min. 54° F.

Wednesday, June 12, 1878.

Farm, France. "Bassin de l'Eure".

Pleasant with passing showers.

Crew inspected and squads from the 1st and 2nd. At 9.30 Am. inspected crew at quarters. By order of the Captain released Pat. Lavery (U.S.) from confinement. Private Ed. Richmond was transferred from this.

Guns. under the command of Captain D.C. Radger, U.S. Navy.
ship to the Marine Guard at the Paris Exhibition. A Medical Board of Survey composed of Surgeon W. F. Jane, U.S.N., Pass. Asst. Surgeons H. Smith, U.S.N. and E. F. Dow, U.S.N. met on board in the case of Private Noah Hancock. Received a number of letters in the Equipment Department. Shipped Chas. Williams for special service, for the cruise. Lieut. Jas. Barrett, U.S.M.C. left the ship on leave. At sunset the "Portsmouth" made signal Dist. 6070. Answered 904.
Max. Bar. for the day 29.93 in Min. 29.75 in.
Max. Dry Bulb Ther. 64°F. Min. 56°F.
Max. Wet Bulb Ther. 59°F. Min. 55°F.

Thursday, June 10, 1878.
Bar, France. "Bassin de l'Eure."
Clear and pleasant first part of the day overcast and rainy latter part. Wind fresh to light from S.W. to E. Lieut. John McGlathery, and Noah Hancock (Pvt.) to the "Wyoming" at Baum for passage to the United States, they having been condemned by a Medical Board of Survey. Master Crosby, U.S.N. and Pass. Asst. Surgeon E.F. Dow, U.S.N. left the ship on leave. Inspected at quarters. Drilled Nos 2 and 3 Guns crews at Great Guns and Small Arms. Signal class at signals. At 7.30 made general dress signal "All Blue" Portsmouth made signal Dist. 5457 Ans. 904 Portsmouth signalled Dist 4826, 4390, 6070, also Like permission to Mar working clothes. Answered 904.
Max Bar. for the day 29.97 in Min 29.87 in
Max. Dry Bulb Ther. 64°F. Min 55°F Max Wet Bulb 60°F Min. 54°F.

Friday June 14, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and rainy. Light breze from the N.E. and E. At 9.30 Beat to quarters and inspected crew; called all hands to Muster and read "Stations for Fire Quarters", Exercised crew at stations. Beat the secure at 11.00 a.m. At 8.15 a.m. an American steam Yacht, flying the pendant of the New York Yacht Club, came in and anchored abreast the Supply. Sent an Officer to board her with tender of services from the Captain. Found her to be the Barque rigged steam Yacht intended for the "Bennett Expedition", under the Command of Lt Geo. W. Delong, U.S.N.. Ensign A. McR. Winslow, U.S.N reported his return on board from leave. A.P. Boardman (O.S.) returned on board four hours over time.

Max. Bar. for the day	29.89 in.	Min.	29.79 in.
Max. dry Bulb Ther.	60° F	Min.	54° F.
Max. Wt Bulb Ther.	59° F	Min.	54° F.

Saturday, June 15, 1878.

Havre, France. "Bassin de l'Eure"

Pleasant weather. Light airs from E.N.E. to W.N.W. Made "Divs signal" at 7.30 a.m. At 9.30 Beat to quarters and inspected crew. At 1.00 p.m. a Court of Inquiry convened on board consisting of Lieuts. C.M. Thomas and J.W. Carlin, and Master F.H. Crosby, to enquire into the circumstances attending the stabbing of Heinrich Emil

under the command of Captain O.C. Badger, U.S. Navy. (sic) on the night of June 4th. At 3.15 P.M. the Court adjourned until Monday the 17th inst. At 8.45 am. the North German Steamer "Elbe", from Hamburg for New York, left the Bassin. At 9.55 am. the Transatlantique Steamer "Perrier" left for New York. At 10.00 am. the Ville de Paris, from New York, entered the Bassin. Master G.H. Crosby reported his return from leave. Boatswain Ed. Bansall and Carpenter P.F. Magee left the ship on one weeks leave. Ensign G.S. Carter U.S.N. left the ship on leave of absence till Monday night.

Max Bar. for the day 29.91 in. Min. 29.81 in.
Max dry bulb thr. 58° F. Min. 52° F.
Max Wt bulb thr. 55° F. Min. 51° F.

Sunday, June 16, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light breeze from N.E. to W. At 9.30 am. called "All hands to quarters" and the crew were mustered and inspected by the Divisional Officers. At 10.20 am. Beat to Quarters and the Captain inspected the ship with crew at quarters; after which called "all hands to muster" and the Captain read the "Articles for the better government of the Navy". The U.S.S. Wyoming passed down the river, and out to sea, exchanging Nos. with the U.S. men-of-war in the harbor.

Max. Bar for the day 29.90 in. Min. 29.85 in.
Max. dry bulb thr. 59° F. Min. 50° F.
Max. Wt bulb thr. 57° F. Min. 50° F.

Journal of a cruise of the United States Sailing Frigate Constitution. 3rd Rate,

Monday, June 17, 1878.

Havre, France. "Bassin de l'Eure"

Clear and pleasant Lights from the N.d. and E.d and S.d and W.d. Inspected crew at quarters and drilled 4th division at Great Guns, 5th at Infantry, and Signal squad at Signals. Crew at work painting boats, hammock cloths and scraping wood work around cabin windows At 7.30 a.m. "Portsmouth" made signal Int. 5457. at 10.05 a.m. Int. 4390. at 7.45 P.m. Int 6071. Answered each by 904. Assign U.S. Corbin N.A.N. reported his return from leave. Max. Bar. for the day. 29.90 in. Min. 29.86 in. Max. dry Bulb Ther. 63° F. Min. 55° F. Max. wet Bulb Ther. 59° F. Min. 54° F.

Tuesday, June 18, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather. Lights airs from different points of the compass. At 9.30 a.m. inspected crew at quarters, afterwards exercised No 1 crew at Great Guns, and signal squad at signals. Broke out the awnings and got them on a stretch; hoisted out 3rd Cutter and hoisted her at the davits. The Board of investigation convened at 11.00 a.m. but adjourned until 10.00 A.M. tomorrow owing to the sickness of one of its members. At 7.45 a.m. "Portsmouth" made signal Int. 6071. At 10.30 a.m. Int 4390 At 8.00 P.M. Int 6070. Answered each by 904.

Guns. Commanded by Captain O.C. Badger, U.S. Navy.
At 3.30 P.M. signalled to Supply and Portsmouth, and piped down hammocks.
Max. Bar. for the day 30.02 in. Min. 29.91 in.
Max. dry Bulb Ther. 65° F. Min. 54° F.
Max. wet Bulb Ther. 62° F. Min. 54° F.

Wednesday, June 19, 1878.
Havre, France. "Bassin de l'Eure".
Overcast and cloudy first part of the day. Clear and pleasant latter part. Gentle breeze from W.S.W. to N.N.W. At 9.30 A.M. inspected crew at quarters. At 10.00 A.M. drilled ~~B~~ Guns crew at Great Guns, 4th with small arms, signal squad at signal. The Board of Investigation met ~~from~~ at 10.00 A.M., adjourned till 1.00 P.M., when they met and adjourned at 1.25 P.M. until 10.00 A.M. tomorrow. At 7.50 "Portsmouth" signalled Dist. 6071 At 10.40 Dist 6107 At 10.00 Dist 43.90. Ans. Each 904
At 3.30 made signal to "Supply" and "Portsmouth" and piped down sants and wash clothes
Max Bar for the day 30.09 in. Min. 29.99 in.
Max dry Bulb Ther. 62° F. Min. 56° F.
Max Wet-Bulb Ther. 59° F. Min. 55° F.

Journal of a cruise of the United States Sailing Frigate "Constitution" 3rd Rate, 2 Guns,

Thursday, June 20, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light Airs from the N^a and W^d and N^a and E^d. At 9.30 AM. inspected crew at quarters and immediately after exercised 1st guns crew with small arms, and the 5th at great guns. Signal squad at signals. At 10.00 AM. the Board of Investigation, in the case of the stabbing of Patrick Cuno (Sea.), met and adjourned to await the action of the Captain. By order of the Captain gave Edwd. Splain (P.M.) 10 hours Extra guard duty for disrespect to the Corporal of the Guard, and using threatening language. At 7.30 AM. made and read signal "All Below". Max. Bar. for the day 30.16 in. Min. 30.10 in. Max. dry bulb Ther. 63°F. Min. 56°F. Max. Wet bulb Ther. 59°F. Min. 55°F.

Friday, June 21, 1878.

Havre, France. "Bassin de l'Eure"

Pleasant weather, misty first and latter part of the day. Wind light from different points of the compass. At 9.32 AM. inspected crew at quarters, afterwards Exercised crew at "Fire Quarters". The following times were reported:- Head pump 1^m 45^s. Main chain pump 1^m 30^s. Wing chain pump 1^m 40^s. Main force pump 2^m 00^s. Fore chain pump 3^m 00^s. Received on board in

under the command of Captain O.C. Badger, U.S. Navy.
the Construction Department 15 lbs.
of Shellac and 17 galls. of Alcohol.
Ensign F.S. Carter U.S.N. left the ships with
leave of absence until his next tour of duty.
Max. Bar for the day 30.20 in. Min. 30.13 in.
Max. dry Bulb Ther. 71°F. Min. 54°F.
Max. Wt Bulb Ther. 69°F. Min. 53°F.

Saturday, June 22, 1878.

Havre, France. "Bassin de l'Eure"
Clear and pleasant. Light airs
from the N^a and E^a, and N^a^ and W^a^. Crew
at work painting on spar-deck. Carpenter P.J. Magee,
Boatswain Edwd. Randall returned from leave. Jacob
H. Baker (Lds.) returned on board 14 hours over time.
Max. Bar. for the day 30.24 in. Min. 30.20 in.
Max. dry Bulb Ther. 75°F. Min. 60°F.
Max. wet Bulb Ther. 68°F. Min. 58°F.

Sunday, June 23, 1878.

Havre, France. "Bassin de l'Eure".
Mathn pleasant and hazy. Light airs
from the N^e and E^a^ and N^a and W^a^. At 9.30 a.m. mus-
tered and inspected crew at quarters. At 10.15 a.m
the Captain inspected ship and crew. At
7.40 P.M. made signal "Send Clothes".
Max. Bar for the day 30.18 in. Min. 30.12 in.
Max dry Bulb Ther. 77°F. Min. 63°F
Max. Wt Bulb Ther 69°F. Min. 60°F

Journal of a cruise of the United States Sailing Frigate Constitution. 3rd Rate, 2 Guns,

Monday, June 24, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant and warm, hazy during the first part of the day, clear during the latter part. Painted 3rd Cutter. At 9.30 A.M. inspected crew at quarters, and drilled Nos 3 and 4 Gun's crews at great guns and small arms, and Exercised signal squad. At 7.30 A.M. made dress signal "All Clear". At 3.30 P.M. made signal to "Portsmouth" and "Supply", and piped down reents and wash clothes.

Max. Bar. for the day 30.19 in Min. 30.13 in.
Max. dry bulb Ther. 79° F. Min. 63° F.
Max. wet bulb Ther. 74° F. Min. 63° F.
Direction of the wind. From N. to W. Force 0-2

Examined:

O. A. Badger
Captain, Commanding.

Tuesday, June 25, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant, light airs W. & W. to N.E. At 9.30 A.M. inspected Divisions at quarters. Drilled 1st Division "Small Arms". 5th Division "Great Guns". Petty Officers "Signals". Hoisted out 1st Cutter and cleaned her. Painted 3rd Cutter. Fitted windsail to Main hatch & Main deck awning. Cadet Fridin. Dodge and Jordan left the ship with leave of absence for one month.

under the Command of Captain O.C. Badger, U.S.N.
Made signal to "Portsmouth" and "Supply" to scrub and wash clothes.
Max. Bar. for the day 30.30 in. Min. 30.15 in.
Max. dry bulb ther. 79° F. Min. 64° F.
Max. wet bulb ther. 75° F. Min. 63° F.
Clouds-Cum. and cum-Str. Force of Wind 0-2

Wednesday, June 26, 1878.
Havre, France. "Bassin de l'Eure".
Clear and warm. Light airs from the Eastward. At 9.30 AM. inspected crew at quarters. Drilled 2nd Div. "Great Guns" 3rd Div. "Small arms". Signal Squad at Signals. By order of the Captain gave John J. Patterson 12 hours extra duty for turning into hammock while on anchor watch. Made signal to "Supply" and "Portsmouth" "All Well". Midn. J.H. Potts, U.S. Navy left the ship on leave of absence.
Max. Bar. for the day 30.28 in Min. 30.18 in.
Max. dry bulb ther. 84° F. Min. 62° F.
Max. wet bulb ther. 82° F. Min. 68° F.
Force of Wind Max. 2 Min. 0
Form of clouds, by symbols. cum., cir-cum., cum-str.

Journal of a cruise of the United States Sailing Frigate Constitution. 3rd Rate. 2 Gun.

Thursday, June 27, 1878.

[illegible]

under the Command of Captain O.C. Badger, U.S. Navy.

of Lieuts Thomas & Hitchcock, and Lieutenant
Mr Woodbridge and Rowell, met on board,
when Letter to Lieut Commanding Squadron
transmitted by Ensign A. McC Reader, U.S.N.
(at 9.2 P.M.) made signal "Prepare to anchor
and moor ship" Ensign Alexander Clark
transmitted on board U.S.N.A.

Mean Barometer	27.18 in.	Mean. 29.97 in.
Mean Dry Bulb Ther.	80° F.	Mean. 66° F.
Mean Wet Bulb Ther	74° F.	Mean. 61° F.
Mean force of Wind	4	Mean. 1

Form of clouds by symbols &c. clear, cirrus.

Saturday, June 21, 1879.

Hours, Sunrise. Employed in Light
clear and pleasant forenoon.
variant and rainy latter part of the day.
Light airs from various points of the compass.
Lieutenant Wood Steamer for the day left the
anchorage at 8.30 A.M. proceeded over the grounds.
Mess Miller (C.E.), Mike Magee (Cook), Jas Lawson
(Q.M.S.), Lawson (M.C.), Matthew Meehan (Cook), Paul
Powers (O.S.), Isaac Gardiner (O.S.), and [illegible] Eaton
(Ord.) kept the ship with Lieut Wood
&c.

Mean Barometer	29.80 in.	Mean. 29.71 in.
Mean Dry Bulb Ther.	74° F.	Mean. 61° F.
Mean Wet Bulb Ther	69° F.	Mean. 60° F.
Mean force of Wind	4	Mean. 1

Form of clouds by cirrus, cirro-cumulus, cumulus.

Journal of a cruise of the United States Sailing Frigate Constitution. 2 Guns

Sunday, June 30, 1878.

Fine pleasant weather. "Basin de L'Eure".

Crew employed cleaning ship, and painting.

Latter part Crew at liberty. Hoisted the 1st and 2nd Cutters. Also the Gig. Hoisted Recognizal Ball Flag. At 8 P.M. Hoisted and Saluted Sun at Quarters. Also Saluted (13 Guns) Rear Admiral Richard Wallach (U.S.N.) and Staff on board, returning visit. At 9 P.M. The Frigate Neil Gibson Commodore from the U.S.A. came into the Basin.

Hour Sunset day 8.02 P.M. Sun 8.28 "

Hour Sunset 8.12 " Sun 8.38 "

Hour Sunset 8.22 " Sun 8.48 "

Hour Sunset 8 " Sun 8

Hour Sunset by Ephemeris Sun, Moon, etc.

Monday, July 1, 1878.

Fine Pleasant. Basin de L'Eure".

Clear and pleasant. Light Airs from different points of the Compass. At 7.30 AM. Hoisted Ensign at Peak, and Commodore's Broad Pendant at Main. Fired Div. Gun Salute, 13 Guns, and Small Arms. Port Admiral Signals. Sent Boats Crews to the Ships. Received Visit from Captain Reid Admiral Wallach's Flag Captain. Crew employed cleaning ship.

Received from U.S. Frigate Neil Gibson Commodore Stores.

Received Visit from Rear Admiral Wallach U.S.N. Fired Salute of 13 Guns.

U.S. Galt, under the Command of Captain A.G. Cadgey, U.S.N.

[illegible]

Max. Bar. for the day [illegible] in. Min. 50 "
Max. dry Bulb Ther. 64° F. Min. 57
Max. Force of the wind 4 Min. 0.
Form of clouds By symbols. Nim, Str, Circum, Cu

[illegible]

Port Louis, France. Station de L'Orient.

Overcast and rainy at the beginning of the day, clear and pleasant latter part. Moderate breeze from the S.d and W.d, hauling to the N.W., and then to the N.E. At 9.30 A.M. inspected crew at quarters, and drilled 3rd Div. Gunners, 4th, small arms. Exercised Marines and Signal squad. Stationed crew for the displaying fire-works the 4th inst: Lieut and Officers to call upon the various officials of the place, notifying them of the intended demonstration on the 4th inst and that the Captain would be pleased to have them join in any way. Scrubbed hammocks. Midn. S.M. Potts U.S.N. reported his return from leave.

Max. Bar. for the day 29.99 in. Min. 29.85 in
Max. dry Bulb ther. 64° F. Min. 58 °F.
Max. Wet Bulb ther. 62 °F Min. 56. °F.
Max. force of wind 4 Min. 1
Form of clouds By symbols. Nim., Circum. Cum.

Journal of a cruise of the United States Sailing Frigate Constitution. 3rd Rate,

Wednesday, July 3, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and rainy first part, clearing towards the latter part of the day. Light breeze from the N.E. & N.W., and S.E. & W. At 9.30 A.M. inspected crew at quarters. The following men absent without permission:- Jas Matthews (Sea), Jas. Lawles (O.S.), John Eckert (Lds.), Jas. H. Miller (Lds) Chas. E. Malloy (Q. of D.), J. J. Stewart (S.W.), Jacob Mills (P.M.), James Ley, (Lds), Joseph Grandjean. J. J. Stewart, (O.W.), James Ley, (Lds), and Jas. H. Miller, (Lds.) returned during the forenoon watch. Rigged out jibboom about six feet. A Board consisting of Paymaster Allen, P.A. Pay. Jordan, and Asst. Pay. Harry met on Board to examine Pay Clerk J. H. Chapman for Asst. Paymaster in the Navy. The Board adjourned at 5.00 P.M. ~~to~~ until the 5th inst. The Captain sent an Officer to call, officially, on the U. S. Consul, and to extend an invitation to him and the Captains of all U. S. merchant ships, in port, to come on Board tomorrow afternoon with their families. Shipped J. W. Cumain (Sea), and John Gabel (Lds.) for the cruise. Rated John A Haley from (Lds.) to (O.S.) from July 3rd. At 5.30 P.M. made pre[illegible]. Signal 6144. At 6.00 P.M. made Signal 6144. Crossed topgallant yards. Exercised crew at Stations for Burning fireworks. Sailmaker Hanson reported his return from Leave.

Mar. bar. for the day 30.14 in. Min. 29.90 in. Mar. force of wind 2 Min 1
Mar. dry bulb thm. 59° F. Min. 56° F. {Form of clouds by sym.
Mar. wet bulb thm. 58° F. Min. 55° F. {Circum. min.

Eura. under the command of Captain C. C. Badger, U. S. Navy.

Thursday, July 4, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather. Light airs from the N.E. and N. At sunrise dressed ship with flags, rainbow fashion. National Ensign at fore, main, mizzen, and peak; Jack forward. All the other U.S. ships followed our movements. During the morning watch the U.S. merchant vessels in port and a number of foreign vessels dressed ship in various ways. At 9.30 a.m. inspected crew at quarters and found Jas. Matthews (Sea.), Jas. Lawler (O.S.), Jas. Grandjean (Ord.) and Jacob Mills (P.M.) absent without leave. Received officials visits from the Mayor of Havre, the Sous Prefet, the Comdg. Officer of Artillery, and the Chef de la Marine. At 3.30 P.M. the captain inspected ship and crew at quarters. The 1st and 2nd cutters of this ship ~~won~~ the races participated in by the boats of this ship, and those of the "Portsmouth" and "Supply". Jacob Mills (P.M.) returned on board 3½ hours over time. Burned fireworks in honor of the day. Expended fire rockets and three blue lights, also a number of condemned Coston Signals received from the U. S. S. Supply.

Max. Bar for the day	30.27	in.	Min.	30.14	in
Max. dry bulb Ther.	63	°F.	Min.	56	°F.
Max. wet bulb Ther.	61	°F.	Min.	56	°F.
Max. force of wind	2		Min.	0	

Form of clouds by symbols. Cum. cirrum.

Journal of a cruise of the United States Sailing Frigate Constitution. 3rd Rate

Friday, July 5th, 1878.

Havre. France. "Bassin de l'Eure."

Clear and pleasant. Light airs from the N.E. and N.N.E. At 9.30 am. inspected at quarters and found the following men absent without leave:- Joseph Grandjean (Qas.), Francis Evans (Sea.), John Patten (Sea.), John Williams (C.of T.), Benj. Dean (Sea.), James Gordon (O.S.), Lars Anderson (O.S.) Geo. Gilchrist (O.S.), James Eckart (O.S.), F. W. Neiman (Corpl.), Chas. Porter (P.M.), Jeff. Erickson (P.M.), and John Cox (P.M.). The Board for the examination of Pay Clerk Chapman convened on board. By order of the Captain placed James Horton (C. of T.) under arrest for leaving ship without permission. At 3.25 P.M. made signal "pipe down scrub and wash clothes". At 3.40 P.M. made prep. signal 6143 and at 3.55 P.M. sent down topgallant yards. The following men returned during the day overtime:- F. W. Neiman (Corpl.), James Gordon (O.S.) Lars Anderson (O.S.) and John Cox (P.M.)

Max Bar for the day 30.30 in. Min. 30.20 in

Max dry bulb thr. 68 °F. Min. 60 °F.

Max wet bulb thr 64 °F. Min. 60 °F.

Max force of wind 2 Min. 0

Form of Clouds by symbols St., Cucum., Cirst.

Guns, under the command of Captain O.C. Badger, U.S. Navy.

Saturday, July 6, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant first part of the day, overcast and rainy latter part. Moderate breeze from the S.W. and N.W. and W. At 1.00 A.M. mustered at quarters. The following men absent without leave:- John Neil (C.T.C.), John Williams (C.Mig.T.), Thos. O'Neil (Sea.), John Patten (Sea.), Geo. Rogers (O.S.), Albert Smith (O.S.), Geo. Gilchrist (O.S.), James Ryan (O.S.), Thos. Parker (P.M.), Jeff. Erickson (P.M.) and Joseph Grandjean (Lab.). The Barge left the vessel and of the basin at 1.00 P.M. and returned at 3.00 P.M. At 1.15 P.M. the German mail steamer from Bremen, and the French mail steamer "St. Laurent" left the basin for New York. Matthew Whalen (Sea.) returned from leave. Thos Parker (P.M.), Geo. Gilchrist (O.S.), and John Williams (C.Mig.T.) and J. Erickson (P.M.) returned on board over time. Lieutenant Stockton U.S. Navy returned from leave.

Max. bar. for the day 30.22 in. Min. 30.12 in.
Max. dry bulb ther. 66 °F. Min. 61 °F.
Max. wet bulb ther. 65 °F. Min. 59 °F.
Max. force of the wind 4 Min. 0
Forms of clouds by symbols. cum., cirr., circum., str., nim.

Journal of a cruise of the United States Sailing Frigate Constitution. 3rd Rate,

Sunday, July 7, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and rainy first part of the day, clear and pleasant latter part Madrali Barge from the N.d and W.d. At 10.00 A.M. inspected ship and crew at quarters. The following men were absent without leave, viz:- John Neil (C.F.C.), Bast. Conley (C.S.T.) Thos. O'Neill (Sea.), Geo. Rogers (O.S.), A. Swift (O.S.), John Potter (Sea.) Jas. Grandjean (Cds.) and Frank G. Sullivan (Cds.). By order of the Captain placed Andrew Parker (Sea.) in single irons for safe keeping for trial by Court Martial for stabbing James E. Ryan and afterwards put irons on for greater security. By order of the Captain gave John W. Pretty man (Cds.) six (6) hours extra duty for not going on deck when ordered by Ships Corporal. Paul Frank (O.S.) returned from leave. Master J. H. Crosby left the ship on leave.

Max. bar for the day 30.18 in. Min. 30.10 in.
Max. dry bulb ther. 63 °F. Min. 60 °F.
Max. wet bulb ther. 62 °F. Min. 60 °F.
Max. force of the wind 4 Min. 2
Form of clouds by symbols. Nim., Circum., Str., Cir.,

Monday, July 8, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant matter. Madrali Barge from the N.d and W.d. At 9.30 A.M. mustered at quarters and found the following men absent without leave

2 Guns, under the command of Captain O.C. Badger, R.N. viz;- John Neil (C.G.C.), Robt Cauley (C.G.V.), John Fathen (Sea.), Thos. O'Neill (Sea.) Geo. Rogers (OS.), A. Swift (OS.) John C Browning (Lds.), and Jas Grandjean (Lds.) The following men returned during the day, viz;- John Neil (C.G.C.), Robt. Cauley (C.G.V.), Thos. O'Neill (Sea.), Geo. Rogers (OS.) and Albert Swift (OS.)

The following men returned from leave Geo. F. Spencer (W.O.C.), Samuel Turner (C. of H.) Isaac Gardner (OS.), Thos. Millen (C.G.C.) and Michael Mcgavin. (C.A.G.) Exercised No 2 Gun's crew Great Guns, No. 3 with small arms, Signal Squad, and Marine Guard. By order of the Captain released Jas Forbes (C. Mate) from Sentry's Charge. James D. Burke (Sea) having served out his term in gaol returned on board. John C. Browning (Lds.) was brought on board by Sergeant of Marines, and by order of the Captain was placed in single irons for remaining on shore without leave when sent on ship's duty as mail carrier.

Max. Bar. for the day 30.19 in. Min. 30.08 in.
Max. dry Bulb Ther 66 °F. Min. 61 °F.
Max. Wt Bulb Ther 64 °F. Min. 61 °F.
Max. force of the wind 3 Min. 1
Form of Clouds by symbols.

Journal of a cruise of the United States Sailing Brigade Constellation 3rd Rate,

Thursday, July 9, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather. Moderate breeze from different points. Employed rigging sails. At 9.30 a.m. inspected at quarters and afterwards drilled No. 4 Guns crew Great Guns, No 5 Small Arms, No. 1 Single Sticks, and the Signal squad. By order of the Captain removed the irons from Andrew Parker (Sea.) and gave Private McCarthy two (2) days extra duty for insolence to the Corporal of the Guard. Received on board in the Equipment Department two (2) cords fire wood

Max. Bar. for the day 30.20 in. Min. 30.08 in.
Max dry Bulb Ther. 65 °F. Min. 58 °F.
Max. wet Bulb Ther. 62 °F. Min. 57 °F.
Max force of wind 7 Min. 0
Form of clouds by symbols. circum. Str. nim. cumu.

Wednesday, July 10, 1878.

Havre, France. "Bassin de l'Eure".

Cloudy and pleasant. Light breeze from the Nd and Wd. At 9.30 inspected crew at quarters. The following men absent without leave, viz; Wm Read (C.F.T.), Chris. McWhorters (Lds.) Jas. Cappaen (O.S.), ~~Jas~~ Jas. Hamilton (Sm.), (as Grandjean, and John Patten Sea.), Jas Hamilton (Sm.), Thos. McWhorters (Lds) and Wm Read (C.F.T.) returned during the day. Drilled No 3 Guns crew at Great Guns. No 3 Small Arms. No 4 Single Sticks and squad squad drill. Commander Whiting, U.S. Navy, and

2 Guns, under the command of Captain O.C. Badger, U. S. Navy.
Master F. H. Crosby U.S.N. returned from leave.
Ensign F. S. Carter left the ship on leave of absence.
Private Mallinger left the ship on nine (9) days leave.

Max. Bar for the day	30.08 in	Min.	30.03 in.
Max. dry bulb Ther.	63 °F.	Min.	61 °F.
Max. wet bulb Ther.	62 °F.	Min.	56 °F.
Max. force of the wind	3	Min	2

Form of clouds by symbols. Nim., cum., cirrum.

Thursday, July 11, 1878.

Harv., France. "Bassin de l'Eure".

Cloudy and threatening. Buoys fast and equally from the W.N.W. Chas. McCarthy (Ord.) and John Shugrue (Sea.) met on five days leave. At 9.30 A.M. inspected at quarters, the following men absent without leave, viz;- J. Caspaen (Ord.), Chas. Carpenter (Sea.), A Robinson (Sea.) Fred. Nelson (Ord.) John Potter (Sea.) The following men returned during the day, viz;- A. Robinson (Sea), Fred'k. Nelson (Ord.) and Chas. Carpenter (Sea). Drilled No. 6 Guns Cutter Great Guns, No 1 Small arms, No. 2 Sight shifters. The U.S.S. Alliance arrived in the roadstead and exchanged Nos. with the U.S. Man-of-war in the harbor. She came in during the afternoon, made inter signal 5573 (Ans. 904) and came to off Supply's port bow.

Max. Bar. for the day	30.05 in.	Min.	30.02 in.
Max. dry bulb Ther.	61 °F.	Min.	60 °F.
Max. wet bulb Ther.	61 °F	Min.	60 °F.
Max. force of wind	7	Min.	2.

Form of clouds by symbols

Journal of a cruise of the United States Sailing Frigate Constitution. 3rd Rate.

Friday, July 12, 1878.

Havre, France. "Bassin de l'Eure".

Cloudy but pleasant. Strong light to moderate from the N.E. and N.E. The Norman "Granita" shifted her berth alongside the "Lafayette". The German mail steamer came in. At 9.30 a.m. inspected at quarters. Afterward went to Sick Quarters. Time of water. 1st Strain 3m, 2nd 3m 10sec, third 3m 12sec, 4th 3m 30sec. The following men absent without leave, viz:- John O'Brien (Sergt.) John Patterson (Mar.) Jas. Grandjean (Cpl.) and Jas. Capparn (A.S.). By order of the Captain released John C. Browning (Cpl.) from confinement. The Captain paid an official visit to the H. B. M. Alliance.

Max. bar for the day 30.04 in. Min. 29.98 in.
Max. dry bulb ther. 64 °F. Min. 60 °F.
Max. wet bulb ther. 63 °F. Min. 60 °F.
Max. force of wind 5 Min. 1
Form of clouds by symbols Nim., cum., circum.,

Saturday, July 13, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and rainy first part; clear and pleasant latter part of the day. Light airs and calms. The French steamer "Labrador" left the port and the "Perier" came in. At 9.30 a.m. mustered at quarters, the following men were absent without permission, viz: John Patterson (Mar.), Jas. Capparn (A.S.) Jas. Grandjean (Cpl.) and John O'Brien (Sgt.) Signalled to the "Alliance" to "send a boat".

2 Guns. under the command of Captain A.C. Badgen, R. L. Navy

Max. Bar. for the day 30.04 in. Min. 29.94 in.
Max. dry bulb ther. 64 °F. Min. 58 °F.
Max. wet bulb ther. 62 °F. Min. 56 °F.
Max force of wind. 1 Min. 0
Form of clouds by symbols. cum., nim., circum.

Sunday July 14, 1878.

Harm, France. "Bassin de l'Eure".
Clear and pleasant. Light breeze from different points of the compass. At 9.30 am. the Officers of the Division inspected and muster'd crew at quarters. The following men were absent without permission, viz;- John Potter (Sea.), Jas. Capperon (A.B.), Joseph Grandjean (Lds.) & John O'Brien (Sgt.) At 10.15 am. the Captain inspected ship and crew at quarters. By order of the Captain Joseph A. Grandjean (Lds.) was declared a deserter from this ship from the 3rd inst. Ensign F. D. Parker R.N.R. returned from leave.

Max. Bar for the day 30.14 in. Min. 30.09 in.
Max. dry bulb ther. 68 °F. Min. 55 °F.
Max. wet bulb ther. 61 °F. Min. 54 °F.
Max. force of the wind 4 Min. 0
Form of clouds by symbols. circum.

Journal of a cruise of the United States Sailing Frigate Constitution. 3rd Rate,

Monday, July 15, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light airs from all around the Compass. The H. B. M. Alliance Boat arrived at 4.25 am. and hauled before the routine bill of this ship. At 9.30 AM. Beat to quarters and mustered crew; found the following men absent without leave. John O'Brien (Sgt.), John Potter (Sea), Robt Morrissy (Sea) and Jas. Coppoan (O.S.) Drilled No 3 Guns crew at Great Guns, No 4 with Small arms, and No 5 with Singlesticks. At 10.30 A.M. the "Jeanette" N.Y.Y.C. left the basin. Manned the port rigging and cheered her. At 12.00 AM. a Medical Board composed of Surg. W. H. Jones, Pass. Asst. Surg. H. Smith, and Asst. Surg. H. G. Beyer met on Board for the physical Examination of Mr. J. W. Warren candidate for the position of Asst Paymaster U. S. Navy. At 10.50 the Board adjourned to meet tomorrow. By order of the Captain John Potter (Sea.) was declared a deserter from this ship from the 5th inst. At 3.30 P.M. made signal to the "Portsmouth" and "Supply" and piped down scrub and wash clothes. At 5.30 P.M. the "Alliance" made signal int: 6222 Ans 904. At 7.36 P.M. made routine signal & secured hammocks. The Alliance asked for permission to be secured, which was granted

2 Guns, under the command of Captain O.C. Badger U.S.N.

Max. Bar. for the day 30.30 in. Min. 3018 in.
Max. dry Bulb thr. 65° F. Min. 57 °F.
Max. wet bulb thr 61 °F. Min. 56 °F.
Max. force of wind 2 Min 0
Form of clouds by symbols Str., cum., circum.

Tuesday, July 16, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light-brize from the N^a and E^a. Serubed hammocks. At 7.30 made divs signal "All Well". At 9.30 A.M. inspected crew at quarters Found Robt. Morrissy (Sea) and Jas. Capstan absent without leave. Drilled 1st Division "Gat-Guns", 2nd Small arms, 3rd Single sticks, Signal squad at signals. At 9.15 am. the U.S.S. Alliance made signal int. 5-45-5. Ans. 904. At 1.30 m "Alliance" made int. 6107. Ans. 904 At 7.15 pm. "Alliance" made signal "Permission to send hammocks". Ans. 904. Chas. McCarthy Ord. returned from leave.

Max. Bar. for the day 30.35 in. Min. 30.27 in.
Max dry Bulb thr. 70 °F. Min.. 57°F.
Max. wet Bulb thr. 64 °F. Min. 57 °F.
Max. force of wind 2 Min. 0
Form of clouds by symbols Nim., cir str., cir. cumu.

Journal of a cruise of the United States Sailing Frigate Constitution, 3rd Rate

Wednesday, July 17, 1878.

Havre, France. "Bassin de l'Eure."

Pleasant but hazy. Light airs from different points of the compass. John Shugars (Sea.) returned from leave. At 7.30 A.M. made dress signal "All blue, white cap covers." At 9.10 A.M. made routine signal 2nd and 3rd repeaters. At 9.15 "Alliance" made Int. 4363. Ans. 904. At 9.30 A.M. mustered and inspected at quarters, found Jas. Capspan (O.S.), Robt. Morrissy (Sea.) and Sergt. O'Brien absent without leave. Drilled 4th Division, Great Guns, 5th Small Arms, 1st Single sticks, Marine Guard, and Signal Squad. Sailmaker H. Hansen, U.S.N. left the ship on leave. Engaged in reeving ship. Routine dress signal of the day not followed by the "Alliance"

Max. bar. for the day	30.38 in.	Min.	30.32 in
Max. dry bulb ther.	75° F.	Min.	61° F.
Max. wet bulb ther.	70° F.	Min.	58° F.
Max. force of wind	2	Min.	1

Form of clouds, by symbols. cir., Str.

Thursday, July 18, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant and hazy Light airs from the N.E. and N.W. Sergt. O'Brien returned six (6) days overtime. Made routine signal 2nd Repeater No. 3. Ans. At 9.30 A.M. inspected and mustered at

Guns, under the command of Captain C.C. Badger, U.S. Navy. quarters. Seamen Jas. Capspan (as.), Augustus Kerns (Sea.) and James Durigan (Lds.) absent without permission. Drilled 2nd Div. Great Guns, 3rd Small arms, 4th Singlesticks, and the Signalsqua Shipped Robert J. Campbell as (Las.) for one year, Special service, from the 16th inst. Passed Asst. Surgeon Ezra Derr U.S.N. returned from leave. Augustus Kerns (Sea.) returned within (16) hours over time.

Max. Bar. for the day	30.38 in.	Min.	30.33 in.
Max. dry Bulb Ther.	79 °F.	Min.	70 °F.
Max. Wet Bulb Ther.	64 °F.	Min.	60 °F.
Max. force of wind	2	Min.	0.
Form of clouds, by symbols.	circum.		

Friday, July 19, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant, warm, and hazy. Light airs from the N.W. and E.a. J.S. Durigan (Lds.) returned 1 7½ hrs. over time. Inspected at quarters at 9.30 A.M. Jas. Caspan (Lds.) and Robt. Morrison (Sea.) absent without leave. Drilled at Fire Quarters with the following lines,:- 1st- Stream 55 sec, 2nd 56 sec. 3rd. 1m 15 sec. 4th 1m 20 sec. Received on board 29 bbls pork in the Pay-masters Dept. The discriptive list and transfer papers of Augustus Reib (Os.) were received from the "Alliance" Simon Mallinger (P.M.) returned from leave twenty (20) hours overtime.

Max. Bar. for the day	30.34 in.	Min.	30.16 in.
Max dry bulb Ther.	80. °F.	Min.	69 °F.
Max wet bulb Ther.	70 °F.	Min.	63 °F.
Max force of wind	2	Min.	1
Form of clouds by symbols.	cir.		

Saturday. July 20, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant and warm. Moderate breeze from the S.E. and E.S.E. At 9.30 A.M. inspected at quarters; found Jas. Coppoon (O.S.) and Robt. Morrissey (Ord.) absent without leave. Hoisted out Steam Launch. At 12.20 P.M. the North German Steamer "Pommerania" left the basin for New York. At 12.30 P.M. the French Mail steamer "Canada" left for the same port. Watering ship. Got up steam on the steam launch and fired gun. By order of the Captain discharged Jas. Antoine (W.R.S.). Geo. F. Williams (2.M.) left the ship on nine days leave. Pay master B. W. Allen, U.S.N. left the ship on leave.

Max. bar. for the day 30.16 in Min. 29.99 in.
Max. dry bulb ther. 81 °F. Min. 66 °F.
Max. wet bulb ther. 73 °F. Min. 64 °F.
Max. force of wind 4. Min. 2.
Form of clouds by symbols. St., circum., cir.,

Sunday, July 21, 1878.

Havre, France. "Bassin de l'Eure".

Weather generally pleasant, passing rain and wind squally; calm to moderate breeze variable in direction. Cadet Midn. O. E. Dodge and J. H. Jordan reported on board from leave. At 9.45 A.M. inspected crew at quarters found Jas. Capstoon (O.S.) Robt. Morrissey (Ord.) and Chas.

under the command of Captain C. C. Badger, U.S. Navy. Cummings (Sea.) absent without leave. Got up steam and tried steam launch and then hauled fires and secured. At 2-00 PM. hauled awnings, the Portsmouth failed to follow our motions. Made general signal "scrub and wash clothes".

Bar. for the day 30.06 in Min. 29.98 in.
Max. dry bulb ther. 73 °F. Min. 67 °F.
Max. wt bulb ther. 70 °F. Min. 66 °F.
Max. force of wind 3. Min. 0
Form of clouds by symbols. Cir-cum., nim., cirum., str.

Monday, July 22, 1878.

Harve, France. "Bassin de l'Eure".

Clear and pleasant. Light breeze from the Wd. Calm latter part of the day. At 9.35 AM. mustered at quarters for inspection; found Jas. Capsom (O.S.) and Robt. Manning (Sea.) absent without leave. By order of the Captain Jas. Capsom (O.S.) was declared a deserter from the 10th inst, inclusive.

Bar. for the day 30.06 in. Min. 30.00 in.
Max. dry bulb ther. 72 °F. Min. 68 °F.
Max. wt bulb ther. 69 °F. Min. 66 °F.
Max. force of wind 2. Min. 0.
Form of clouds by symbols. Cum., Cirum., Nim.

Journal of a cruise of the United States Sailing Frigate Constitution

Tuesday, July 23, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather with passing showers. Light and variable wind. At 9.30 A.M. mustered at quarters, and found Robert Morrissey (Sea.), Chas Cummings (Sea.), and Chas. E. Malloy (J. of 2.) absent without leave. Exercised 1st and 5th Cutter Crews at squad drill without arms. A machinist came on board from the "Alliance" to overhaul steam cutter. Chas. E. Malloy returned on board 3½ hours over time. Finished watering ship having received on board 15766 gallons of fresh water. Sent water-lighter to the "Portsmouth". The gig failed to get inside before the gates closed: stationed the crew to take turns as boat-keepers until the next high tide.

Max. Bar. for the day	30.06 in.	Min.	29.95 in.
Max dry bulb thm.	71 °F.	Min.	65 °F.
Max wet bulb thm.	69 °F.	Min.	63 °F.
Max force of wind	3.	Min.	0.

Form of clouds by symbols. Cirrus., nim.,

Wednesday, July 24, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and rainy first part of the day, clear and pleasant latter part. Barge light to fresh from the N.E. and W. At 4.15 A.M. the French mail steamer Martinique came in; also an English steamer. At 7.30 inspected crew at quarters; found Chas. Gray (C.M.T.) Andrew

3rd Batt., 2 Guns, under the command of Captain O.C. Badger, U.S. Navy. Robinson (Lieut.), J. M. Taylor (Lieut.), Wm Baker (Capt.), Jas. J. Burke (Lieut.) Jas. A. Haley (O.S.) Chas Hart (Lieut.), Chris. McWhorters (Cdts.) Jas. E. Ryan (O.S.) Robt Mowsey (Lieut.), Chas. Cummings (Lieut.) and Thos. McMahon (O.S.), absent-without-leave. Drilled the 2nd and 3rd Guns Crews at Infantry, without arms, and the Marine Guard. The U.S. Consul visited the ship. The following men returned on board during the day, viz:- J. A. McMahon (O.S.), Chris McWhorters (Cdts.), Chas. Hart (Lieut.), Jas. J. Burke (Lieut.), and Jas. Ryan (O.S.). Offered a reward of ten ($10.) dollars for the apprehension of Chas. Gray (C.M.T.)

Mar.	Bar. for the day	29.93 in.	Min.	29.80 in.
May.	dry bulb Ther.	70 °F.	Min.	63 °F.
May.	Wet bulb Ther.	67 °F.	Min.	61 °F.
Mar.	force of wind	5.	Min.	1.

Form of clouds by symbols. Circum. Nim. Cum. etc.

Thursday, July 25, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Moderate breeze from the Wd. Wm Baker (Capt.), John A. Haley (O.S.) and Chas. Gray (C.M.T.), returned over time. Master L. L. Reamy U.S.N. left the ship on leave. At 9.30 inspected crew at quarters, found Chas. Cummings and Robt. Mowsey (Lieut.), absent-without-permission. Drilled 4th Div. Great Guns, & Small arms, 1st Lieut Hitchcock. Received on board stores in the Dept's. of Construction and Equipment.

May.	Bar. for the day	29.91 in.	Min.	29.82 in.
May.	dry bulb Ther.	65 °F.	Min.	62 °F.
May.	Wet bulb Ther.	63 °F.	Min.	60 °F.
May.	force of wind	5.	Min.	2.

Form of clouds by symbols. Nim. circum. Cum.

Journal of a cruise of the U. S. Sailing Frigate Constitution. 3rd Rate.

Friday. July 26, 1878.

Harve, France. "Bassin de l'Eure".

Overcast and cloudy, driz-
zling rain part of the day. Moderate
breeze from the W.N.W. The German Mail
Steamer came in. At 9.30 a.m. in-
spected and mustered at quarters.
Robt. Morrissey (Sea.), Chas Cummings (Sea)
and Phillip LeBlanc (Sea.) absent-
without leave. At 9.45 a.m. Exercised
at Gun Quarters. Time 1st shot 46 sec.
2nd 1m 10 sec. 3rd 1m 40 sec. 4th 1m 47 sec
Robt Morrissey (Sea) was declared a
deserter from this day. Phillip LeBlanc
(Sea) returned on board over time. Coal
Lighter came alongside; Received on
board in the Equipment Dept. 18½
tons of coal. 1st Lieut. Richard Wal-
lach U. S. M. C. left the ship on leave.

Max. bar. for the day 29.91 in Min. 29.89 in.
Max. dry bulb ther. 66 °F. Min. 62 °F.
Max. wet bulb ther. 66 °F. Min. 61 °F.
Max. force of wind 4. Min. 2.
Form of clouds by symbols. Cir.-cum. Min. cum.

Saturday, July 27, 1878.

Harve, France. "Bassin de l'Eure".

Clear and pleasant. Breeze
light to moderate from the N.W. At
9.30 a.m. inspected and mustered
crew at quarters. Found Chas
Cummings (Sea) absent without leave.

2 Guns, under the command of Captain O.C. Badger, U.S. Navy.

Max. Bar. for the day 30.03 in Min. 29.87 in.
Max. dry bulb Ther. 66 °F. Min. 61 °F.
Max. wet bulb Ther. 65 °F. Min. 61 °F.
Max. force of wind 4. ° Min. 0.
Form of clouds by symbols.

Sunday, July 28, 1878.

Haven, France. "Bassin de l'Eure."

Clear and pleasant. Moderate breeze from the Northward. At 1000 am. the Captain mustered ship and crew at quarters. Found Chas. Cummings (Sea.) and Patrick Sabin (O.S.) absent without permission. At 6.00 P.M. Patrick Sabin (O.S.) returned on board eleven (11) hours over time.

Max. Bar. for the day 30.02 in. Min. 29.94 in.
Max. dry bulb Ther. 68 °F. Min 60 °F.
Max wet bulb Ther. 66 °F. Min. 60 °F.
Max. force of the wind 4. Min. 1.
Form of clouds by symbols. Circum.str. cum.

Journal of a cruise of the United States Sailing Frigate Constitution, 3rd Rate,

Monday, July 29, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light breezes from the N^d and E^a and S^d and W^d. At 9 A.M. the "Alliance" signalled for permission to be excused from spreading awnings. Granted. At 9.30 mustered at quarters. Found Chas. Cummings (Sea.) absent without leave. Drilled 2nd Gun's crew Great Guns, 3rd Small arms, 4th Single Sticks, Signal squad, and Marine Guard. At 9.20 A.M. the American Barque "Chas. M. Luy" passed out of the Basin, Exchanged salutes with her by dipping colors. Also with the American Ship "Jacob A. Stranter" of New York, Found out. Crew at work scrubbing outside of ship with fresh water. Geo. F. Williams (2nd) returned from leave.

Max. Bar. for the day	30.09 in	Min.	30.02 in.
Max. dry bulb Ther.	71 °F.	Min.	56 °F.
Max. Wet bulb Ther.	70 °F.	Min.	54 °F.
Max. force of wind	3.	Min.	1.

Form of clouds by symbols. Circum. Str. cum. cir.

Tuesday, July 30, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant, hazy around the horizon. Light breezes from the N^d and E^d. At 4.25 A.M. the "Alliance" hauled to with At 9.30 inspected at quarters. Found Chas. Cummings absent without permission. Drilled 5th Gun's crew at

2 Guns, under the command of Captain O.C. Badger, U. S. Navy
Great Guns. Pt at Small Arms, 2nd Single-sticks.

Max.	Bar. for the day	30.28 in.	Min.	30.10 in.
Max.	dry bulb Ther.	66 °F.	Min.	60 °F.
Max.	Wet bulb Ther.	65 °F.	Min.	59 °F.
Max.	force of the wind	3.	Min.	1.

Form of clouds by symbols. cirst. cir. cumn.

Wednesday, July 31, 1878.

Havre, France, "Bassin de L'Eure".

Pleasant weather. Moderate breeze from the Nd and Ed. At 9.30 Aem. inspected quarters. Chas. Cummings (Sea) absent without leave.

Drilled 3rd Div. Great Guns, 4th Small Arms, 5th Single-sticks. By order of the Captain Chas. Cummings (Sea.) was declared a deserter from the 31st inst. The following named men were transferred from the U. S. S. "Alliance", to this ship, they being in the hospital ashore, viz;- Phillip Harris (Sea.) Andrew Ross (Sea.) and Abraham Stiker (P.M.) Wm. Gardner (P.M.) was brought on board by the Orderly Sergt. of the Marine Guard at Paris.

Max.	Bar. for the day	30.33 in.	Min.	30.29 in.
Max.	dry bulb Ther.	70 °F.	Min.	61 °F.
Max.	Wet bulb Ther.	67 °F.	Min.	61 °F.
Max.	force of the wind	3.	Min.	2.

Form of clouds by symbols. cirocum.

Respectfully submitted,

John N. Jordan.

Cadet-Midn.

Captain O. C. Badger, U. S. Navy,

Comdg. U.S. Sailing Frigate Constitution, and Senior Officer Present.

Journal of a cruise of the U.S. Sailing Brigantine Constitution

Examined:

[illegible]

Captain Commanding

Saturday, August 1, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant with occassional showers
Moderate breeze from the S.W. and S.E. Francis
Evans (C.G.C.) returned on board during the night.
Exercised 1st Division Great Guns, 2nd
Small arms, 3rd Singlesticks. John
Hickey (C.M.S.) absent without leave. Trans-
ferred Private Wm Gardner U.S.M.C. to
the U.S.S. "Portsmouth", and Private John
A McCarthy to the "Gilliana". John Hickey
(C.M.S.) returned on board 16 hours over
time

May bar. for the day	30.31 in.	Min	30.04 in
May dry bulb ther.	70 °F.	Min.	58 °F.
May Wet bulb ther	67 °F.	Min.	58 °F.
May force of wind	4	Min.	1

Form of clouds cum. nim & cirrocum.

Friday, August 2. 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant, Moderate
breeze from the N.E. and E. At 9.30 am.
inspected at quarters. Saml Jacob &
Baker (Cas.) absent without leave.
Exercised at Fire Quarters with
the following times:- 1st Division

3rd Cutr, 2 Gigs Under the Command of Captain C.C. Badger, U.S.N.
32 sec ~~minutes~~, 2nd 40 sec, 3rd 1m 06s, 4th 1m 45s.
Everything ready 1m 55s. Received on board
stores in the Medical Department. Drilled the
Marine Guard. Jacob H. Baker (Lds.) returned on board
12 hours over time.

Max. bar. for the day	30.04 in	Min.	29.76 in.
Max. dry bulb ther.	69 °F.	Min.	59 °F.
Max. wet bulb ther.	63 °F.	Min.	58 °F.
Max. force of wind	5	Min.	2

Form of clouds. cir. str., cir. cum, cum nim.

Saturday Aug. 3, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant with occassional
rain squalls. Wind light to moderate from S by E a
and N.E. and E.d At 9.30 A.M. mustered at Quarters
and found Private O'Donnell absent without leave.
Held sale of Deserters clothing. The German mail Steamer
"Gallia" and the French Steamer Periere left for
New York. James Horton (C. Mig. T.) John C. Browning (Lds.)
and Chas. Scherwin (Lds.) left the ship with leave
until the 12th inst. Transferred David Hickey (Sea), with
accounts, to the U.S.S. "Alliance", he having been directed
from Boatswains Mate from Aug. 2nd. Ensign H.S.
Reich, U.S.N. returned from leave of absence.

Max. bar. for the day	29.76 in.	Min.	29.61 in
Max. dry bulb ther.	64 °F.	Min.	55 °F.
Max. wet bulb ther.	61 °F.	Min.	56 °F.
Max. force of wind	4	Min.	0

Form of clouds. nim. cirstr. cirnim. cum.

Journal of a cruise of the U. S. Sailing Frigate Constitution. 3rd Rate, 2 Guns,

Sunday. Aug. 4, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant with passing showers. Light-Airs from the S^d and E^d, and S^th and W^d. At 9.30 called all hands to Quarters, inspected & found Wm Read (C.M.T.), Chas. Mallay (J. of D.) Benj. Sears (Sea), Wm Johnson (Sea.), Olf Thomsen (O.S.) Chas H Bauer (Lds.), and John Ady. (P.M.) absent without leave. At 10.20 the Captain inspected ship and crew at Quarters, and immediately after the Captain read the Articles for the better government of the Navy. Benj Sears (Sea.) and Chas. Bauer (Lds.) were brought on board by the police. Paid a fine of seven (7) francs for the former and six (6) for the latter. Olf Thomsen (O.S.), Wm Johnson (Sea.) and Chas Mallay (J. of D.) returned on board over time. By order of the Captain rated Joshua Hardie (O.S.) and Paul Franks (O.S.) to Seamen to date from Aug. 1st inclusive. The Transatlantic Steamer St Laurent came in.

Max. bar. for the day	29.92	in	Min.	29.76	in
Max. dry bulb Ther.	67	°F.	Min.	58	°F.
Max. wet bulb Ther.	64	°F.	Min.	58	°F.
Max. force of wind.	3		Min.	1	
Form of clouds.	circum.		min.	cir. cum.	Str.

Monday. Aug. 5, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant with passing showers. Wind equally from the S^d and E^t. At 9.30 AM. inspected at quarters, and found

under the command of Captain O.C. Badger, U.S. Navy. The following men absent without leave, viz:- James Ryan (O.S.), A.J. Turner (O.S.), Otto Lackhart (Ca.) and Wm Reed (C.Y.S.) and John Cox (P.M.). Exercised 4th Division Great Guns, 5th Small Arms, 1st Sightsticks. Drilled the Marine Guard. At 10.30 a.m. hoisted in the 1st cutter. At 11.00 a.m. John Cox (P.M.) was brought on board by the Police & a fine of six (6) francs paid. Wm Reed (C.Y.S.) and Otto Lackhart (Ca.) returned on board over time. At 1.00 P.M. the "Alliance" made signal int. 2255 ans. 904. By order of the Captain placed Louis Libon under sentry's charge for being under the influence of liquor. Captain O.C. Badger, U.S.N. left the ship on leave.

Mar. bar. for the day	29.92	in.	Min.	29.85 in.
May. dry bulb Ther.	73	°F.	Min.	62 °F.
May. wet bulb Ther.	70	°F.	Min.	62 °F.
May. force of wind	6		Min.	1
Form of clouds	cirrst.	cirrocum.	nim.	cum.

Sunday Aug. 6, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant, passing showers. Light- wind from the 1st and 2d and 1st and 2nd Qrs. Jas Ryan (O.S.) returned on board during the mid- watch 18 hours over liberty. At 7.05 a.m. the "Alliance" made signal int. 5-8-43. Ans. 904. At 7.40 the made signal int. 5-4-5-5. Ans. 904. At 8.00 a.m. hauled down Senior Officers pennant and gave coach whip at the main. By order of Lieut. Comdr. Whiting, Comdg. released Louis Libon, (P.S.), from Sentry's duty charge and restored

Journal of a cruise of the U. S. sailing Frigate Constitution. 3rd Rate, him to duty. At 9.30 AM. inspected all quarters and afterwards drilled 2nd Division Great Guns, 3rd. Small arms, 4th Single Sticks. Signal Squad signals. Asst. Surgeon (Sea.) returned on board 2 bells 1/4 hours over-time. H.C. Mullins (M. at Arms) left the ship with nine (9) days leave. Confined in single irons Wm. Conway (Lds.) to await action of Court Martial, by order of Lieut Comdr. Whiting Comdg. Got up steam in steam launch. At 3.00 P.M. the U. S. S. "Alliance" left the harbor.

Mean. Bar. for the day	29.85 in. Min.	29.81 in.
Mean. dry Bulb ther.	70 °F. Min.	63 °F.
Mean. wet Bulb ther.	68 °F. Min.	62 °F.
Mean. force of wind.	3 Min.	0

Form of clouds. cumrim. cum str. cirum. cirstr. cum.

Wednesday, Aug. 7, 1878.

Havre, France, "Bassin de l'Eure".

Clear and pleasant. passing showers. Light breeze from the S.E. and W. Got up steam in Steam Launch during morning watch. At 9.30 AM. inspected crew at Quarters, and found the following men absent without leave, viz:- Pat. Downey (O.S.). Andrew Robinson (Sea.) and J. J. Foy (Lds.). All three returned during the day and Pat. Downey (O.S.) being drunk, by order of Lieut. Comdr. Whiting Comdg., was placed under Sentry's charge. At 10.00 AM. Captain Kirkland U. S. N. visited the ship accompanied by Henry M. Stanley and the Consul.

Enns, under the command of Captain O.C. Badger, U.S. Navy.

Max. bar. for the day	30.10 in.	Min.	29.86 in.
Max. dry bulb ther.	68 °F.	Min.	62 °F.
Max. wet bulb ther.	64 °F.	Min.	61 °F.
Max. force of wind	3	Min.	1
Form of clouds	cir cum.	mint.	cirrus.

Thursday Aug. 8, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light variable wind. The American sail boat Nautilus came into the harbor. By order of Lieut Comdr. Whiting, Comm'd'g., released Patk. Cooney (O.S.) from confinement. At 9.30 a.m. mustered at Quarters and found the following men absent without leave, viz:- Michael Mugavin (C.A.G.), A.P. Boardman (O.S.), and Jas. E. Byan (O.S.). Drilled as follows, 6th Division, Cutlass Drill, 1st, Small Arms, 2nd, Single Sticks. Phillip Harris (Sea.) reported on board having been discharged from the hospital on shore. At 6.00 P.M. dressed ship with U.S. Ensign at Main and mizzen, and French Ensign at the fore.

Max. bar. for the day	30.22 in	Min.	30.11 in
Max. dry bulb ther.	68 °F.	Min.	61 °F.
Max. wet bulb ther.	63 °F.	Min.	59 °F.
Max. force of wind	2	Min.	0
Form of clouds.	cum.	circum.	cirrus.

Journal of a Cruise of the U. S. Sailing Frigate Constitution, 3rd Rate,

Friday, Aug. 9, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather, foggy during the morning. Light breeze from the E^a and S^d & E^d. At sunrise hoisted ship with U. S. Ensign at the main and Pilot Jack at the Fore. At 9.30 A.M. inspected, and mustered at Quarters, and found Michael Mugavin (C.A.G.), A. P. Boardman (Ch.), Jas. E. Ryan (A.E.); Phillip Le Blonde (Sea.) and Wm Thompson (P.M.) absent without leave. Exercised at Gun Quarters, 1st Strain 30^s, 2nd 46^s, 3rd 1^m 20^s, all ready in 1^m 42^sec. Michael Mugavin (C.A.G.) and A.P. Boardman (Ch.) were brought on board by the police 2^d hours forenoon.

Mar. bar. for the day	30.22 in.	Min.	29.97 in.
Max. dry bulb ther.	75° F.	Min.	59° F.
Max. wet bulb ther.	65° F.	Min.	58° F.
Max. force of wind	3	Min.	1
Form of Clouds.	cir.	cir str.	cirrus.

Saturday, Aug. 10, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and drizzling, occasional rain showers. Light breeze from the E^a and E^d & S^d veering to N. W. (by S. & W.) and increasing in force. Wm Thompson (P.M.) returned during the Midwatch (12) hours over time. At 9.30 A.M. mustered at Quarters and found Phillip Le Blonde (Sea.) and Jas. E. Ryan (A.E.) absent without leave. The Trans Atlantic Steamer "Labrador" arrived from New York.

Guns, under the command of Captain C. C. Badger, U. S. Navy.

Max. bar. for the day	29.95 in.	Min.	29.73 in.
Max. dry bulb ther.	66 °F.	Min.	63 °F.
Max. wet bulb ther.	65 °F.	Min.	61 °F.
Max. force of wind.	6	Min.	1
Form of clouds.	cirsh. cum. cumnim. nim.		

Sunday, Aug. 11, 1878.

Havre, France, "Bassin de l'Eure".

Pleasant mather, squally during the first part of the day. Wind fresh to light from N. to S.W. by W. At 9.45 am. mustered at Quarters and the ship and crew were inspected by Lieut. Comdr. Whiting, Commanding. The following men were absent without leave, viz:- Jas. E. Ryan (Sea.), and Heinrich Ennd (Sea.). John. C. Browning (Sea.) and Jas. Horton (C. Mtz. S.) returned from leave. Got up steam in the steam launch.

Max. bar. for the day	29.96 in.	Min.	29.80 in.
Max. dry bulb ther.	67 °F.	Min.	63 °F.
Max. wet bulb ther.	63 °F.	Min.	61 °F.
Max. force of wind	7	Min.	1
Form of clouds	nim. circum. str.	cumstr.	

Journal of a cruise of the U.S. Sailing Frigate Constitution. 3rd Rate 2 Guns,

Monday, Aug. 12. 1878.

Harm, France. "Bassin de l'Eure".

Cloudy squally, passing showers.

Crew boys from the 1st and 2nd. Lieut. H. J. Stockton; Ensign F. S. Carter, and Midn. J. M. Potts left the ship on leave of absence. At 9.30 AM. mustered at Quarters and found Heinrich Ernst (Ldg.), Jas. E. Ryan (O.S.) and Balt. Conley (C.F.F.) absent without leave. Exercised 3rd Division Great Guns, 4th Small arms, 5th Light sticks. By order of Lieut Comdr. Whiting, Commdg., Hand a reward of ten ($10) dollars for the arrest and delivery on board of Heinrich Ernst (Ldg.). Balt. Conley (C.F.F.) returned on board five (5) hours and forty (40) minutes over time. A. Striker (Pvt.) came on board from the hospital.

Max. Bar. for the day	29.86 in	Min. 29.74 in
Max. dry bulb ther.	67 °F.	Min. 62 °F.
Max. wet bulb ther.	65 °F.	Min. 59 °F.
Max. force of wind.	6.	Min. 2.

Form of clouds. circum. nim. str. cumulus. cirr.

Tuesday, Aug 13, 1878.

Harm, France. "Bassin de l'Eure".

Cool and pleasant first part of the day, overcast and rainy latter part. Breeze fresh to moderate from the 2nd and 3rd.

At 9.30 AM. inspected at Quarters, found the following men absent without leave, viz:- Jas. E Ryan (O.S.), Heinrich Ernst (Ldg.), Chas. Sherwin (Ldg.) and Wm Mulligan (Ldg.) The latter returned on board three (3) hours

under the command of Captain O.C. Badger, U.S. Navy. and forty (40) rounds ammunition. Drilled 1st Division Great Guns, 2nd. Small arms, 3rd Sinclair. Marines at Infantry. Shipped for the cruise Chanal Alvar Mariscal as Ordinary Seaman.

Max.	Bar. for the day	29.90 in	Min.	29.70 in.
Max.	dry bulb thr.	67 °F.	Min.	60 °F.
Max.	wet bulb thr.	63 °F.	Min.	59 °F.
Max.	force of wind	5.	Min.	2.
Form of clouds.	cum.	st.	circum.	cumrim.	nim.

Wednesday, Aug. 14, 1878.

Havre, France. "Bassin de l'Eure."

Overcast, rainy, and squally. Fresh breeze from the S^d and W^d and N^d and W^d. At 9.30 A.M. mustered and inspected crew at Quarters, found Jos. E. Regan (O.S.), Heinrich Ernst (Ord.), George Rogers (O.S.) and Chas Sherwin (Ord.) absent without leave. Drilled 4th Division Great Guns, 5th Small Arms, 1st Sinclair. Gun. Rogers. (O.S.) was caught on board in the police 8½ hours overtime, and a fine of six (6) francs paid. Lieut. H. T. Stockton returned from leave. Received in the Paymasters Department 3694 lbs. of hard bread.

Max.	Bar. for the day	29.78 in.	Min.	29.55 in
Max.	dry bulb thr.	68 °F.	Min.	63 °F.
Max.	Wet bulb thr.	65 °F.	Min.	62 °F.
Max.	force of wind	7.	Min.	3.
Form of clouds.	nim.	cumnim.	circum.	

Extract of a Journal of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Thursday, Aug. 15, 1878.

Harre, France. "Bassin de l'Eure".

Pleasant matter, passing showers.
Fired Light & Sick from the 2d and 3rd.
P.M. Mustered (M. at Arms.) returned from Leave.
At 9.30 AM. mustered at Quarters and found Jas. E. Regan (R.), Heinrich Gund (Lea.), Jas. Munn (Cd) and Chas. Shurrin (Lds) absent without Leave.
Drilled 2nd Division Great Guns, 3rd Small Arms, and 4th Singlesticks. By order of the Secretary of the Navy and General Court Martial convened on board this vessel, for the trial of Andrew Parker (Lea.). Composed of the following Officers Comdr. Kirkland, Pres. Lieut. Comdr. W.H. Whiting, Lieut. Wm. Thomas, C.D. Fitchcock, G.A. Miller, C.J. Hutchins, and H.J. Stockton members, and Lt. Lieut. J.B. Bruce, U.S.M.C. Judge Advocate. Hoisted Jack at the Mizzen Limit a reward of Ten ($10) dollars are shown for the arrest of Chas. Shurrin (Lds.) absent without Leave. At 4.30 P.M. the General Court Martial adjourned. Ensign C. McR Winder left the ship on Leave.

Max. bar. for the day	29.78 in.	Min.	29.61 in.
Max. dry bulb ther.	68 °F.	Min.	63 °F.
Max. wet bulb ther.	64 °F.	Min.	61 °F.
Max. force of wind.	5	Min.	0
form of clouds	cum nim. circum. nim. cir.		

Friday, Aug. 16, 1878.

Harre, France. "Bassin de l'Eure".

Clear and pleasant with passing showers. Fresh breeze with squalls from the N.E. & N.W.

under the command of Captain O. C. Badger, U. S. Navy.
and Lt and M. James Munn (O.S.) returned on board
during the mid watch eighteen and three quarter (18¾)
hours over time. At 9.30 am. inspected at Quarters
and found Jas. E Ryan (O.S.), Heinrich Eund (Sea.), and
Chas. Schumin (Lds.) absent without leave. Exercised
at Fire Quarters. 1st Stream 35 sec, 2nd, 46 sec, 3rd
58 sec, 4th 1m 05 sec, all ready in two minutes.
General Court Martial met at 10.00 am. and
adjourned at 2.28 P. M.

Max. bar. for the day	29.73 in.	Min.	29.51 in.
Max. dry bulb ther.	67 °F.	Min.	62 °F.
Max. wet bulb ther.	64 °F.	Min.	60 °F.
Max. force of wind	8.	Min.	2.

Form of clouds. cumulus. circum. nimbus.

Saturday, Aug. 17, 1878.

Havre, France. "Bassin de l'Eure".

Fresh breeze Clear and pleasant, passing showers.

Fresh breeze from the N and W. Chas Schumin (Lds.)
was brought on board by the police, and a fine of fifty (50)
francs paid for his apprehension. He was placed in irons
safe keeping. At 9.30 am. mustered at Quarters
and found Jas. E. Ryan (O.S.) and Heinrich Eund
(Sea.) absent without leave. The General Court Martial
convened at 10.00 am., and at 10.40 am. the Court
adjourned to wait instructions from the Hon. Secretary
of the Navy. Sea quarters to the finding of the Courts.
And by order of Cmdr. W. A. Kirkland, U. S. Navy, Senior
Officer Present, released Wm Conway (Lds.) from confinement.

Max. bar. for the day	30.14 in.	Min.	29.47 in.	Max force of wind	7
Max. dry bulb ther.	67 °F.	Min.	60 °F.	Min force of wind	3
Max. wet bulb ther.	60 °F.	Min.	57 °F.		

Journal of a cruise of the H. L. Sailing Frigate Constitution, 3rd Rate, 2 Guns

Sunday, Aug. 18, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light-
winds from the S.a and E.a, and N.a and E.a
at 9.40 a.m. The ships, and crew at Quarters,
were inspected by Lieut. Comdr. Whiting
Commanding. The following men were found
absent without leave, viz:- Heinrich Enwlen,
Geo. F. Williams (Q.M.), and Matthew Whalen
(Sea.). By order of Lieut. Comdr. Whiting, Comdg.
Jas. E. Egan (O.S.) was declared a deserter from
Aug. 8th 1878. The French Mail Steamer
"Canada" came in at 2.00 a.m.

Max. bar. for the day	30.17	in	Min.	29.94 in
Max. dry bulb thr.	68	°F.	Min.	61 °F.
Max. wet bulb thr.	63	°F.	Min.	58 °F.
Max. force of Wind	4.		Min.	1.

Form of Clouds cum. circum. str. cumnim.

Monday, Aug. 19, 1878.

Havre, France. "Bassin de l'Eure".

Overcast with occasional showrs.
Light- winds from the N.a and E.a. At 9.30 a.m.
inspected and mustered crew at Quarters, and
found Heinrich Enwlen (Sea.), Geo. F. Williams (Q.M.),
and Matthew Whalen (Sea.) absent without leave.
Drilled Divisions as follows:- 1st- Small arms, 2nd,
Singlesticks, 5th Great Guns. Augustus Reibe (O.S.)
came on board from the Hospital, drunk;
by order of Lieut. Comdr. Whiting, Comdg.
placed him in double irons. Shipped for
the cruise Karl Haggland as Seaman.

under the Command of Captain D.C. Badger, U.S. Navy.

Max. bar. for the day	29.93 in	Min.	29.78 in
Max. dry bulb thr.	67 °F.	Min.	60 °F.
Max. wet bulb thr.	66 °F.	Min.	60 °F.
Max. force of wind	3	Min.	0

Form of clouds. nim. cum. circum. cum-nim.

Sunday, Aug. 20, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and rainy. Light breeze from the S.W. and E.S.E., and N.W. and E.N.E. at 9.30 a.m. mustered at Quarters, and found Heinrich Ernst (Ord.), Geo. F. Williams (Q.M.), and Matthew Whalen (Ord.) absent without leave. Sent a reward, of ten dollars ($10) each, ashore for the two latter men. Matthew Whalen was brought on board by the police, and a fine of fifty (50) francs paid for his apprehension. Geo. F. Williams (Q.M.) returned on board three (3) days and fifteen (15) hours over time. Lieut. H.F. Stockton, U.S.N. left the ship on leave.

Max. bar. for the day	30.01 in	Min.	29.90 in
Max. dry bulb thr.	63 °F.	Min.	61 °F.
Max. wet bulb thr.	63 °F.	Min.	60 °F.
Max. force of wind.	2	Min.	0

Form of clouds cum-nim. nim.

Journal of the cruise of the U. S. Sailing Frigate Constitution, 3rd Cruise,

Wednesday, Aug. 21, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather. Light, variable winds. At 9.30 am. inspected, and mustered at quarters, and found Heinrich Eund (Sea.), Albert Engst (P.S.), and Christian Peterson (P.S.) Offend a reward of ten dollars ($10.00) for the arrest of the two latter. By order of Lieut. Comdr. Whiting, Comd'g., Heinrich Eund (Sea) was declared a deserter from Aug. 11th inclusive; also released Augustus Riebe (P.S.) from confinement. Broke out starboard sail-room and aired the sails. At 2.30 Pm. received an official visit from the American Vice Consul, who announced his being in charge of the Consulate, in the absence of the Consul.

Bar. for the day	30.07 in Min.	30.02 in
Max. dry bulb thm.	69 °F. Min.	61 °F.
Max. wt. bulb thm.	64 °F Min.	61 °F.
Max. force of wind.	2 Min.	1

Form of clouds. Nim. cumulus. cirrus.

Thursday, Aug. 22, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant first part of the day, overcast and rainy latter part. Wind light to moderate from the 1st and 2nd. By order of Lieut. Comdr. Whiting, Comd'g, released Matthew Whalen (Sea.) from confinement. At 7.30 am. mustered at Quarters

2 Guns. under the command of Captain O.C. Badger, U.S. Navy. and found Albert Lewis (O.S.) and Christian Peterson (O.S.) absent without leave. Drilled 1st Division Great Guns, 2nd, Small Arms. 3rd, Singlesticks, also the Marine Guard. Wind sails.

Max. bar. for the day 30.01 in. Min. 29.68 in.
Max. dry bulb ther. 68 °F. Min. 58 °F.
Max. wet bulb ther. 64 °F. Min. 58 °F.
Max. force of wind 4. Min. 1.
Form of clouds. circum. cum. nim. cumnim.

Friday, Aug. 23, 1878.

Havn, France. "Bassin de L'Eure".

Pleasant weather with passing showers, wind fresh to light from the S.E. and E.S.E. and S.E. and W. At 9.30 a.m. mustered crew at Quarters. Exercised at Fire Quarters, 1st stream in 33 sec., 2nd in 40 sec., 3rd in 1m-0s sec, 4th in 1m 10 sec, all ready in 1m-25 sec. Received on board in the Paymasters Department one hundred and fifty six (156) yards of flue flannel.

Max. bar. for the day 29.67 in. Min. 29.50 in.
Max. dry bulb ther. 68 °F. Min. 64 °F.
Max. wet bulb ther. 67 °F. Min. 63 °F.
Max. force of wind 5 Min. 1
Form of clouds cumnim. circum. nim. cum.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Cruise

Saturday. Aug. 24, 1878.

Havre. France. "Bassin de l'Eure".

Pleasant weather, with passing showers. Wind light to moderate from the N.E. and W.N.W., and S.E. and W.N.W. Got up steam in steam launch, and at 4.30 a.m. sent her and crew to Comdr. Kirkland U. S. Navy in obedience to orders. At 9.30 a.m. mustered at Quarters. Enlisted Daniel Lyons as an Ordinary Seaman, from Aug. 23rd, for the cruise. At 6.00 P.M. the French Mail Steamer Lt. Laurent left the harbor. A party of the crew of the Steam Launch returned, reporting the Launch broken down, at Hanfleur, and an anchor and chain lost.

Max. bar. for the day	29.78 in.	Min.	29.45 in.
Max. dry bulb ther.	64 °F.	Min.	62 °F.
Max. wet bulb ther.	63 °F.	Min.	61 °F.
Max. force of wind	4.	Min.	0

Form of clouds cum. cumnim. circum.

Sunday, Aug. 25, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and cloudy. Moderate breeze from the S.E. and W.N.W. The French Mail steamer "La France" came into the harbor. At 9.45 a.m. mustered at Quarters.

The steam launch returned to the ship, and hauled fires.

Max. bar. for the day	29.64 in	Min.	29.55 in
Max. dry bulb ther.	67 °F.	Min.	61 °F.

Guns, under the command of Captain O.C. Badger, U.S. Navy.

Max. wet bulb Ther.	65 °F. Min.	60 °F.
Max. force of wind.	4 Min.	2
Form of clouds	Nim. Circum. Cum.	

Monday, Aug. 26, 1878

Havre, France. "Bassin de l'Eure".

Overcast, drizzling rain, and passing showers first part of the day. Clear and pleasant latter part. Wind moderate to fresh from the S.E. hauling to the Sth and W^th. At 9.30 A.M. inspected and mustered at Quarters. Drilled 4th Division Great Guns, 5th, Small Arms, 1st, Singlesticks. Albert Lewis (O.S.) and Christian Peterson (O.S.) were brought on board by the Municipal Police Chief Inspector James F. Carlisle as Ordinary Seamen for the cruise. Captain O.C. Badger, U.S. Navy returned from leave. Hoisted Cruise Officers Pennant. Sailmaker Herman Hansen returned from leave.

Max. bar. for the day	29.76 in Min.	29.51 in
Max. dry bulb Ther.	67 °F. Min.	63 °F.
Max. wet bulb Ther.	66 °F. Min.	62 °F.
Max. force of wind	5 Min.	3
Form of clouds.	Nim. Cum. Circum.	

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate

Tuesday, Aug. 27, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather with passing showers. Fresh buoys from the 2d and 3rd. At 9.30 a.m. mustered at Quarters and found Edward D Handlin (Sea.) absent without leave. Drilled 2nd Division Great Guns, 3rd, Small Arms, 4th, Singlesticks. Andrew Pelt (O.S.), transferred to the hospital from the U.S.S. "Alliance", reported on board as having been discharged from the hospital. Received on board, in the Paymasters Department 1306 lbs. of hard bread.

Max. bar. for the day	29.85 in.	Min.	29.77	in
Max. dry bulb ther.	69 °F.	Min.	64	°F.
Max. wet bulb ther.	68 °F.	Min.	63	°F.
Max. force of wind	6	Min.	2	
Form of clouds.	cirrum.	nim.	cum.	

Wednesday, Aug. 28, 1878.

Havre, France. "Bassin de l'Eure".

Raining first part of the day, clear and pleasant latter part. Fresh buoys from the 2d and 3rd first part of the day, hauling to the 2nd and 3rd during the latter part and drying sails. Crew at work tarring down rigging. Shipped for the cruise Robert Krohn and Carl Nelson as Ordinary Seamen.

Max. bar. for the day	29.95 in.	Min.	29.93	in.
Max. dry bulb ther.	68 °F.	Min.	64	°F.
Max. wet bulb ther.	67 °F.	Min.	64	°F.

Guns, under the command of Captain C.C. Badger, U.S. Navy.
Max force of wind 6. Min. 0.
Form of clouds Cumulus. cum. circum. str. nim.

Thursday, Aug. 29, 1878.
Havre, France. "Bassin de l'Eure".
Pleasant weather with passing showers. Light breeze from the E.N.E. afterwards shifting to the S.W. and increasing in force. Hoisted in steam launch. At 10:00 a.m. inspected at Quarters. Drilled 5th Division Great Guns, 1st, Small Arms, 2nd, Singlesticks.

Max. bar. for the day	29.83 in.	Min.	29.60 in.
Max. dry bulb ther.	71 °F.	Min.	63° F.
Max. wet bulb ther.	70 °F.	Min.	63° F.
Max. force of wind	6	Min.	1

Form of clouds. nim. circum. cum.

Friday, Aug. 30, 1878.
Havre, France. "Bassin de l'Eure".
Overcast, rainy, and squally. Stiff breeze from the S.W. by W. and W.S.W. At 9.30 a.m. mustered at Quarters and found Ed. Drake (P.M.) absent without leave. He was brought off by the police and a fine of fifty francs paid for him. At 9.45 a.m. marched to Fire Quarters All ready in 1m and 58sec. At 2:00 P.M. sent twelve men and a Sergeants guard, in charge of Coxswain Orchard to assist in the burial of Carpenter J. G. Myers, U.S. Navy, and half masted the Ensign

Max. bar for the day	29.75 in	Min.	29.55 in.
Max. dry bulb ther.	65 °F.	Min.	63 °F.
Max. wet bulb ther	65 °F.	Min.	63 °F.
Max. force of wind	7	Min.	4

Form of clouds
nim cumulus.
cirrocumulus.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd

Saturday, Aug. 31, 1878.

Havre France. "Bassin de l'Eure".

Blue sky, clouds squally, and passing showers, Stiff breeze S.W. to N.W. by W. The German Steamer "Weiland", and the French Mail Steamer "France" went to sea. 1st. Lieut. Richard Wallace U.S.M.C. returned from leave of absence.

Mar.	Bar for the day	29.99 in Min.	29.75 in
Mar.	Dry bulb Ther.	65° F. Min.	61° F.
Mar.	Wet bulb Ther.	64. F. Min.	61° F.
Mar.	force of Wind	7. Min.	4.
Form of clouds.	circum. Nim.	cumnim.	cum.

Respectfully submitted,
John H. Jordan,
Cadet Midn.

Captain O. C. Badger, U.S. Navy,
Commanding U.S. Sailing Frigate Constitution,
and Senior Officer Present.

Examined:
O C Badger
Captain, Commanding.

ate, 2 Guns, under the command of Captain J. C. Badger, U.S.N.

Sunday, September 1, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and cloudy, passing showers. Fresh breze from W. by S. to N.N.W.

Lieut. J. W. Carlin, U.S.N. left the ship with leave of absence for one month. At 9.25 A.M. called All hands to Quarters for preliminary inspection. At 10.25 A.M. called "all hands to Quarters" and the ships and crew were inspected by the Captain. At 10.25 A.M. called all hands to muster, and the Captain read the "Articles for the better government of the Navy."

The French Mail Steamer "Perier" came into the harbor, and made fast to her dock.

The U.S.S. Portsmouth failed to follow the movements of the Flagship in neglecting to heat [illegible] and taps.

Max. bar for the day	30.05" in Min.	29.99	in
Max. dry bulb ther.	63°F. Min.	61°	F.
Max. wet bulb ther.	62°F. Min.	60°	F.
Max. force of wind	5 Min.	2	
Form of clouds	cumulus. cum. nim.	str.	

Monday, September 2, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light breze from the N.E. and Yd. Painted and sailing launch. At 9.30 mustered at Quarters. Drilled 3rd Division Great Guns, 4th Small arms, 5th Singlesticks. Receiving water on board. Received charts aboard in the Navigation Department. Lt. Lieut. J. B. Bruce U.S.M.C. left the ships on leave. U.S. Consul General

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate

Fairchild paid an official visit to this ship

Max. bar. for the day	30.36 in.	Min.	30.25 in.
Max. dry bulb ther.	64 °F.	Min.	59 °F.
Max. wet bulb ther.	63 °F.	Min.	58 °F.
Max. force of wind	2	Min.	0

Form of clouds. Nim. cum. circum. cumnim. cir. str.

Tuesday, September 3, 1878.

Havre, France. "Bassin de l'Eure".

Foggy in the morning, clear and pleasant in the afternoon. Light breeze from the N.W. and E.S.E., and calms. At 9.30 A.M. inspected and mustered at Quarters. Drilled 1st Division Great Guns, End, Small Arms, 3rd Singlesticks. Watering ship. Wind Yedding. Chas. Gray (C. of T.), Wm. Baker (Cox.) and Phillip Harris (Sea.) left the ship with leave for one week. Surgeon Wm. Jones U. S. N. left the ship on leave.

Max. bar. for the day	30.35 in.	Min.	30.23 in.
Max. dry bulb ther.	69 °F.	Min.	55 °F.
Max. wet bulb ther.	67 °F.	Min.	56 °F.
Max. force of wind	2	Min.	0

Form of clouds cumstr. circum. cirstr.

Wednesday, September 4, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant but hazy. Light breeze from the N.E. and E. Wm. H. Slatter (Cox.) Patrick Sabin (Q.M.) and Paul P. Johnson (Qm.) left the ship with leave for one week.

Guns. under the command of Captain O. C. Badger, U.S. Navy.

At 9.30 A.M. mustered at Quarters and found John Nil (Bmr.), Robt. Cauley (C of T.) Chas. H. Collins (Sea.) John Jacobsen (O.S.), Jas. Matthews (Sea.) Wm Johnson (Sea.) Wm. Mulgrim (O.S.), Olif Thomsen (O.S.) Frank Evelyn (O.S., E.F.), Wm H. Bartlam (Lds. James Gardner (Ord.) John A. Haley (O.S.), C. E. Malloy (Sig.D.), J. J. Fay (Lds.). Thos. A. McMahon (O.S.), Wm Buckley (Corp.). Jeff. Erickson (P.M.), and Jacob Mills (P.M.), absent without leave. The above men with the exception of John Nil (Bmr.), Robt Cauley (C.T.) Wm H. Bartlam (Lds.), John A Haley (O.S.) J. J. Fay, Wm Buckley Corp.; and Jacob Mills (P.M.) returned during the day, over time Drilled 4th Division Small Guns, 5th, Small arms, 1st Singlesticks. Yeoman Dalton R.M., was transferred from the Marine Guard at Paris to this ship. Lieut. C. M. Thomas, U. S. Navy, left this ships on leave of absence.

Max. Bar. for the day	30.23 in	Min.	30.05 in
Max. dry bulb ther.	70 °F.	Min.	58 °F.
Max wet bulb ther.	68 °F.	Min.	58 °F.
Max. force of wind	4	Min.	0

Form of clouds circum. cir. str. nim, cum.

Thursday, September 5, 1878.

Havre, France. "Bassin de L'Eure".

Overcast and rainy. Light variable airs. Transferred to the Paris Guard Seaman Mallmgar (P.M.). At 9.30 mustered at Quarters and found seven men absent without leave. Drilled 2nd Division Small Guns, 3rd, Small arms, 4th Singlesticks Signal squads, signals. Finished making

ships; water on hand 16.687 gallons. A Board of Survey composed of Lieut. R. D. Hitchcock, Passed Asst. Paymaster John W. Jordan, and Asst Paymaster Thos. A. Hayes, Jr. reported on board, and surveyed, and condemned to be thrown overboard two (2) barrels of beef, finding it tainted, and unfit for use. The harbor being a closed one it is not allowed to throw articles overboard; so by permission of the authorities, they were landed on the dock, to be carried off. John Neil (B.M.), Robt. Cauley, (C.T.), John A. Haley (Las.) and Wm Buckley (Cor/s.) returned on board over time.

Max. bar. for the day	30.10 in.	Min.	30.03 in.
Max. dry bulb ther.	70° F.	Min.	62° F.
Max. wet bulb ther.	69° F.	Min.	62° F.
Max. force of wind	2.	Min.	0

Form of clouds Cir. circum. nim. cum.

Friday September 6, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant mornin but overcast and cloudy. Light breze from the N.W. John J. Fay (Lds.) and Jacob Mills returned on board one (1) day and Eighteen (18) hours over time. At 9.30 A.M. mustered at Quarters and found Wm H. Barton (Lds.) and Felix J. Schaum (A.S.) absent without leave. At 9.45 A.M. exercised at Fire Quarters. All ready in 1m 45 sec. Sent a reward of ten dollars ($10.00)

Erie, under the command of Captain O.C. Badger, U.S. Navy.

an shore for the admission and return on board of Wm. H. Bartlett (Lds.) Augustus Kirk (Sea) life- the ships during the day without permission. Seaman a reward of $100.00 on shore for his arrest. He was brought on board by the police, fine was paid, and by order of the Captain he was confined in double irons. Felix L. Shenner (Ord.) Came on board five (5) hours over time.

Max. bar for the day 30.23 in Min. 30.11 in
Max. dry bulb ther. 66° F. Min. 62° F.
Max. wet bulb ther. 66° F. Min. 62° F.
Max. force of wind. 3 Min. 1
Form of clouds cum-nim. nim. cum. str. circum. cum-str.

Saturday, September 7, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant but misty. Light- troops from the N.E. & E. and N.E. & W. At 9.30 A.M. mustered at Quarters and found Wm. H. Bartlett (Lds.) absent- without leave. At 6.30 P.M. the French Mail Steamer "Canada" in leaving the port saluted by dipping her colors. Returned the salute.

Max. bar. for the day 30.20 in. Min. 30.14 in
Max. dry bulb ther. 68° F. Min. 66° F.
Max. wet bulb ther. 66° F. Min. 61° F.
Max. force of wind 2 Min. 0
Form of clouds circum. cum. nim. str.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate.

Sunday, September 8, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather. Light, variable wind: At 7.30 A.M. the French Mail Steamer "Ville de Paris" came into the harbor. Sand. P. Thomas (Lds.) returned from leave. At 10.15 A.M. the Captain inspected the ship, and crew at Quarters. Wm H. Barton (Lds.), absent without leave.

Max. bar. for the day 30.12 in. Min. 30.09 in
Max. dry bulb ther. 69° F. Min. 63° F.
Max. wet bulb ther. 68° F. Min. 62° F.
Max. force of wind 3 Min. 0
Form of clouds. Nim. Cumnim. Str. circum.

Monday, September 9, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather with passing showers. Moderate breeze from the W.N.W. and W. At 9.30 A.M. mustered, and inspected, the crew at Quarters. Found Wm. H. Barton (Lds.) absent without leave. Drilled 5th Division Great Guns, 1st Small arms, 2nd Single sticks, also the Marine Guard. Shipped for the cruise this day Joshua Winslow as Seaman. Crew at work painting ship bottom.

Max. dry bulb ther. 65° F. Min. 63° F.
Max. wet bulb ther. 64° F. Min. 63° F.
Max. bar. for the day 30.20 in. Min. 30.10 in
Max. force of wind 4 Min. 1
Form of clouds Circum. cum. nim. cir. nim.

Enna, under the command of Captain O.C. Badger, U.S.N.

Tuesday, September 10, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant mather with passing showers. Light breze from the N.E and W.N.W and N.E and E.N.E. At 9.30 a.m. mustred at Quarters and found Wm. H. Barlean (Lds.) absent without leave. Drilled 3rd and 4th Divisions at Infantry. Marine Guard at Bayonet exercise. Received in the Equipment Department one load of wood. Wm. Baker (Q.M.) and Patrick Lavin (O.S.) returned from leave.

Max. Bar. for the day	30.30 in.	Min.	30.20 in.
Max. dry bulb ther.	68 °F.	Min.	61 °F.
Max. Wet bulb ther.	65 °F.	Min.	63 °F.
Max. force of wind.	4	Min.	0

Form of clouds cumnim. nim. circum. cum. cirrus.

Wednesday, September 11, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant and hazy. Light breze from the N.E and E.N.E. At 9.30 a.m. inspected at Quarters, found Wm. H. Barlean (Lds.) absent without leave. Drilled 1st Division Great Guns, 2nd, Small Arms, 3rd, Gunnastics. Signal Squad at signals, and the Marine Guard. Painting Ship. Chas Gray (C.Y.) and Philip Harris (Bra.) returned from leave. E. L. Campbell (Lds.) left the ship with leave until the 12th. Received in the Construction Depot. fire (5) tigrum white drawers.

Max. Bar. for the day	30.30 in.	Min.	30.24 in.
Max. dry bulb ther.	70 °F.	Min.	59 °F.
Max. Wet bulb ther.	69 °F.	Min.	59 °F.
Max. force of wind	2	Min.	0

Form of clouds cirrum. cirst.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate,

Thursday, September 12, 1878.

Haven, France. "Bassin de l'Eure."

Pleasant with passing showers. Wind light to fresh from the Nw and Nw, and N and NE. Mustered at Quarters at 9.30 AM. and found Wm H. Battan (Lds), Wm Reed (C.T.) and Jas. F. Carlisle (A.S.) absent without leave. Painted boats. By order of the Captain, Commanding, released Augustus Kerns (Lea.) from confinement

Max. bar. for the day	30.30 in	Min.	30.14 in.
Max. dry bulb ther.	66° F.	Min.	59° F.
Max. wet bulb ther.	65° F.	Min.	56° F.
Max. force of wind.	5	Min.	0

Force of ~~wind~~ winds during cum. cumstr. rain.-

Friday September 13, 1878.

Haven, France. "Bassin de l'Eure."

Clear and pleasant, hazy about the horizon during the latter part of the day. Moderate breeze from the Nw and E during first part of the day, backing round to the NW and W during the latter part. Quite cool throughout the day. At 9.30 AM. mustered at Quarters and found William H. Battan (Lds.), William Reed (C. of T.), James F. Carlisle (A.S.) and William H. Slatten (Cook.) absent without leave. At 9.40 AM. beat to Fire Quarters for exercise, 1st hose ready in 25 sec., 2nd in 28 sec., 3rd in 40 sec., 4th in 46 sec., All made in 1m 35 sec. At 9.50 AM. the North German Mail Steamer "Suevia", from Ham

Eure, under the command of Captain O. C. Badger, U. S. N.

bung for New York, entered the basin. Scraping and oiling pin and fife-rails. By order of the Captain William H. Bartlett (Ldsm.) is declared a deserter from the U. S. Naval service from the 13th inst. Cadet Midshipman O. G. Dodge and Carpenter P. S. Magee left the ship on leave of absence.

Max. bar. for the day	30.18	in.	Min.	30.10	in.
Max. dry bulb ther.	61°	F.	Min.	57°	F.
Max. wet bulb ther.	58°	F.	Min.	55°	F.
Max. force of wind	5		Min.	2	

Form of Clouds cirrum. nim. cum. cumstr.

Saturday, September 14, 1878.

Havre, France. "Bassin de l'Eure."

Pleasant mather. Light- Emps from the N.E. and N.W. At 9.30 All. mustered crew at Quarters, found Wm Reese (C. of T.), Jas. F. Carlisle (Ord.) and Wm H. Slatter (Cooper) absent without leave. By order of the Captain Jefferson Erickson (P.M.) is given 24 hours extra duty, and to be deprived of liberty to go on shore for two weeks, for disobedience of orders. The German mail Steamer "Lucia", and the French mail Steamer "Perier" left the harbor. Wm Reese (C. of T.) was brought on board by a policeman, and nine (9) francs for fine and costs, for the said Reese was paid, by order of the Captain. Cadet Midn. J. M. Orchard, U.S.N. and 1st Lieut Richard Wallace, U. S. M. C. left the ship on leave. Ensign C. McR. Winslow, U.S.N. returned from leave.

Max. bar. for the day	30.12	in	Min.	30.08	in	Form of clouds	
Max. dry bulb ther.	63°	F.	Min.	59°	F.	circum. str. nim.	
Max. wet bulb ther.	60°	F.	Min.	58°	F.	cumstr. cum. cir.	
Max. force of wind	4		Min.	0		cirstr.	

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Sunday, September 15, 1878.

Harve, France. "Bassin de l'Eure".

Weather calm and cloudy at the beginning of the day, clearing towards noon, and clouding up towards night, threatening and squally. Calm during the first part of the day. The wind came out from the S.W. about 2 P.M. freshing towards night with stiff squalls. At 9.30 A.M. mustered and inspected the crew at Quarters, found Jas. F. Carlisle (O.S.) Christian Peterson (O.S.), and Wm H. Thatcher (Cooper) absent without leave. At 10.30 the Captain inspected the ship and crew at Quarters. Robert Campbell (Ord.) returned to the ship. James Munn (Ord.) was brought on board by the police, and a fine of six (6) francs paid.

Max. Bar. for the day	30.08 in.	Min.	29.77 in
Max. dry bulb ther.	66 °F.	Min.	54 ° F.
Max. wet bulb ther.	65 °F.	Min.	54 ° F.
Max. force of wind	6	Min.	0

Form of clouds. Cumstr. cir. cercum. cum. str. cumnim. cumstr.

Monday, September 16, 1878.

Harve, France. "Bassin de l'Eure".

Overcast and rainy at the beginning of the day, ceased raining but continued cloudy and squally throughout the day. Wind fresh and squally from the N.E. and N. During the morning watch got up eleven inch hawser, and carried two parts on board, carrying the light astern and securing it to the Quay. Richard Wallace, U.S.M.C. returned from leave. Christian Peterson (O.S.) returned on

under the command of Captain O.C. Badger, U.S. Navy.

Board 23 hours overtime. At 9.30 a.m. mustered at Quarters; found James F. Carlisle (O.S.) and Wm H. Flatten (Coop.) absent without leave. Pay. R. F. Allen and Master L.L. Reamy returned from leave. Pay Clerk J. H. Chapman left the ship on leave.

Max. bar. for the day	30.22 in.	Min.	29.80 in.
Max. dry bulb ther.	65° F.	Min.	60° F.
Max. wet bulb ther.	63° F.	Min.	59° F.
Max. force of wind	7	Min.	3

Form of clouds. nim. Cum.nim.

Sunday September 17, 1876.

Havre, France. Bassin de l'Eure.

Cloudy weather with heavy fresh to moderate from the N.E. and W., and wet. At 8 a.m. half masted colors in respect to the late Mayor of Havre. At 9.30 a.m. mustered at Quarters, found James F. Carlisle (O.S.) absent without leave. Drilled the Division Great Guns, the Small Arms, 1st Lt. Sticks, Signal Squad at signals. William H. Flatten (Coop.) returned from Paris six (6) days and three (3) hours overtime. James F. Carlisle (O.S.) was brought on board by the police and a fine of thirteen (13) francs and a half paid for him. The Captain left the ship to attend the funeral of the late Mayor of Havre. Read to Wm Conway (Lds.) in the presence of the witnesses Depts letter approving the finding of the General Court Martial which acquitted the said Conway of the charges preferred against him. Lieut. William H. Jacks U.S.M.C. returned from leave.

Max. bar. for the day 30.23 in. Min. 30.13 in. Max. wet bulb ther. 64° F. Min. 59° F.
Max. dry bulb ther. 64° F. Min. 60° F. Max. force of wind 5 Min. 2.

Wednesday, September 18, 1878.

Harre, France. "Bassin de l'Eure."

Overcast, rainy, and squally. Brisk fresh and squally from the N.E. and N.W. and S.E. and W.N.W. At 9.30 a.m. mustered at Quarters, and found Felix J. Schumer (A.S.) Theo. A. McMahan (A.S.) and Thos. O'Donnell (P.M.) absent without leave. Drilled 2nd Div. Great Guns, 3rd Small arms, 4th Sinkstick Signal squad signals. The French Mail steamer "St. Nazaire" left the basin. Sat out a hawser for additional security. Cadet midn. C.G. Dodge, J.W. Orchard, and Carpenter P.J. Magee returned from leave. Thomas O'Donnell (P.M.) & Theo. A. McMahan (A.S.) returned on board overtime.

Max. bar. for the day 30.04 in. Min. 29.82 in.
Max. dry bulb ther. 64° F. Min. 59° F.
Max. wet bulb ther. 64° F. Min. 57° F.
Max force of wind 7 Min. 4
Form of clouds Nim. cumnim.

Thursday September 19, 1878.

Harre, France. "Bassin de l'Eure".

Pleasant weather, passing shower. Wind fresh and squally from the N.E. and W.N.W. and S.E. and W.S.W. At 9.30 a.m. mustered at Quarters, found Felix J. Schumer (A.S.) absent without leave. Exercised 5th Division Great Guns, 1st Small Arms, 2nd Sinkstick, Signal squad Signals, and the Marine Guard. Find Sedding the French Steamer "Colombie" came into the

under the command of Captain C. C. Badger, U. S. Navy.

Harbor flying the Columbian flag at the fore.

Max. bar. for the day 30.07 in. Min. 29.96 in.
Max. dry bulb thr. 62° F. Min. 58° F.
Max. wt bulb thr. 61° F. Min. 57° F.
Max. force of wind 6 Min. 4
Form of clouds cumnim. cum circum. cumstr. nim. cirrus.

Friday September 20, 1878.

Havn, France. "Bassin de l'Eure".

Overcast, equally, and drizzling rain until 11.00 am., then pleasant weather until 9.00 P.m., after that passing showers of rain. Fresh breze from the S.W. until 7.00 am when the wind hauled to N.N.W. Continued blowing from the N.W and N.N.W, and decreasing in force to a calm at 9.00 P.m., after that a light breze sprung up from the N.E. At 9.30 am. mustered at Quarters and found Felix J. Shumin (O.S.) absent without leave. At 9.45 am. exercised at Fire Quarters 1st hose ready in 25 sec., 2nd in 30 sec., 3rd in 40 sec., 4th in 45 sec., all ready in 1m 40 sec. At 2.50 P.m. the German mail steamer came in. At 3.20 P.m. a delegation of the Municipal Council of Havn came on board to thank the Captain and the other officers who attended the funeral of the late mayor of Havn. Master G. H. Crosby, U. S. Navy, left the ship on leave.

Max. bar. for the day 30.13 in. Min. 29.88 in.
Max dry bulb thr. 60° F. Min. 54° F.
Max wt bulb thr. 59° F. Min. 51° F.
Max force of wind 6 Min. 0
Form of clouds. circum. cumnim. nim. cum. cumstr.

Saturday September 21, 1878.

Havre, France. "Bassin de l'Eure".
Pleasant weather. Light breze from the N.E and E.S. At 9.30 A.M. mustered at Quarters, and found Felix J. Shunn (O.S.) absent without leave. Received on board in the Equipment Department sixty (60) scrubbing brushes and handles. Lieut Midshipman and Master-at-Arms ashore with James S. Carlisle (O.S.) who is summoned to appear at court at noon today. He returned aboard during the afternoon By order of the Captain he was placed under Sentry's charge to await the action of the Civil Courts ashore. The French and German mail Steamers left the Harbor.

Max.	Bar. for the day	30.26 in	Min.	30.16 in.
Max.	dry bulb ther.	65° F.	Min.	53° F.
Max.	wet bulb ther.	55° F.	Min.	51° F.
Max.	force of wind	2	Min.	0

Forms of clouds. Circum. cir. cumulo. nim. cumulus.

Sunday September 22, 1878.

Havre, France. "Bassin de l'Eure".
Overcast and cloudy, raining during the latter part of the day. Light breze with occasional fresh squalls from the S.E and E.S.E. At 6.15 A.M. the French mail Steamer came in. By order of the Captain released James S. Carlisle (O.S.) from Sentry's charge. The Captain inspected ship and crew at Quarters.

under the command of Captain O. C. Badger, U. S. Navy.

Felix J. Shuman (O.S.) absent without leave.
Asst Surgeon Ezra Dorr, U.S.N., left the ship on leave. Ensign G. S. Carter, U.S.N., returned from leave.

Max. bar. for the day 30.17 in. Min. 2965 in.
Max. dry bulb ther. 59 °F. Min. 53° F.
Max. wet bulb ther. 54 °F Min. 52° F.
Max. force of wind 5 Min. 1
Form of clouds cumstr. cumnim. nim. str.

Monday, September 23, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and rainy first part of the day clearing up during the afternoon; cloudy and thunder and lightning last part of the day. Wind moderate to fresh from S.S.W. to N. At 9.30 A.M. mustered at Quarters and found Felix J. Shuman (O.S.) absent without leave. Exercised 3rd and 4th Division at Infantry without Arms. Tho. O Mc Mahan (O.S.) returned on board at 11.35 A.M.

Max. bar. for the day 29.63 in. Min. 2951 in.
Max. dry bulb ther. 57 °F. Min 53° F.
Max. wet bulb ther 55 °F. Min. 51° F.
Max. force of wind 4 Min. 0
Form of clouds nim. cumnim. circum. str nim cumstr.

Journal of a cruise of the U.S. Sailing Frigate Constitution. 3rd Rate. 2 Guns.

Tuesday, September 24, 1878.

Havre. France. "Bassin de l'Eure."

Overcast, rainy, squally, thunder & lightning first part of the day, clear and pleasant latter part. Light breeze from the E.N.E. and N.E. first part of the day, hauling to the N.W. and N. and finally dying out to a calm latter part of the day. The German Steamer "Silesia" came into the harbor during the morning watch. Marched at Quarters at 9.30 A.M. and found Felix J. Shuner (O.S.) and John Cox (R.M.) absent without leave. Drilled 5th Division Great Guns, 1st Small Arms, 2nd Sinclairs, Signal Squad Signals, Marine Guard Bayonet Exercise, John Cox. (R.M.) returned on board during the night.

Max. bar. for the day 29.82 in. Min. 29.56 in.
Max. dry bulb Ther. 58° F. Min. 52° F.
Max. Wt bulb Ther. 54° F. Min. 51° F.
Max. force of wind 3 Min. 0
Form of clouds nim. str. cucum.

Wednesday, September 25, 1878.

Havre, France. "Bassin de l'Eure"

Clear, cool, and pleasant first part of the day, overcast, cloudy and passing showers latter part. Calms and light variable airs first part of the day, fresh breeze from the S.W. latter part. At 9.30 A.M. mustered at Quarters, and found Felix J. Shuner (O.S.) absent without leave. Drilled 2nd Division Great Guns, 4th Small Arms,

under the command of Captain O. C. Badger, U. S. Navy.

5th, Singlesticks, Signal Squad, signals, Marine Guard, Bayonet Exercise. Received on board on the Equipment Dept. three barrels of lime.

Max. bar. for the day 29.86 in. Min. 29.79 in.
Max. dry bulb ther. 59 °F. Min. 48° F.
Max. wet bulb ther. 59 °F. Min. 48° F.
Max. force of wind 6 Min. 0
Form of clouds. str. cumstr. cir. nim. cumstr. cum.

Thursday, September 26, 1870.

Harr, France. "Bassin de l'Eure".

Cloudy, drizzling rain first part of the day. Clear and pleasant latter part. Light variable winds first part of the day. Light breeze from the North latter part. At 9.30 a.m. mustered at Quarters, and found Arlin J. Shum (O.), A. P. Boardman (O.S.), George Rogers (O.) and E. D. Handlin (Sea.) absent without leave. A. P. Boardman (O.S.) and E. D. Handlin (Sea.) returned on board 14 hours overtime and Geo. Rogers (O.S.) was brought on board by the police, and a fine of six francs paid for him. Drilled 1st Division Great Guns, 2nd Small Arms, 3rd Singlesticks, Signal Squad Signals, and the Marine Guard. Received on board 17 tons and 1520 pounds of Cardiff lump Coal for use of galley. Shipped for the cruise as Ldg. Hannibal Ferrari from Sept 17th, and Roberto Piagetti from Sept. 24th. Discharged at his own request Nicholas Guirand (W.R.C.). Lieut. C. M. Thomas, U.S.N., returned from leave.

Max. bar. for the day 30.17 in Min. 29.83 in. Form of clouds.
Max dry bulb ther 60 °F. Min. 54 °F. Nim. cumstr. cum
max. wet bulb ther 60 °F. Min. 51 °F. circum.
Max force of wind 2 Min. 1

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate.

Friday, September 27, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant mather, clear during the middle of the day, cloudy at the beginning and end. Calm and light brezes from the 2d and 3d and 1st and 3rd. At 9.30 Am. mustered at Quarters, and found Felix J. Shumm (OS.) absent without leave. Exercised at Gun Quarters, 1st stream in 38 sec., 2nd 48 sec., 3rd 1m 15 sec., 4th 1m 20 sec., all ready 1m 52 sec. Received on board in the Equipment Department two (2) cords of hard wood for galley use. Paymaster's Clerk J. H. Chapman returned from leave. The Carpenter examined several seams outside to see the condition of the caulking.

Max. bar. for the day	30.22 in.	Min.	30.16 in.
Max. dry bulb ther.	61 ° F.	Min.	54 ° F.
Max. wet bulb ther.	58 ° F.	Min.	52 ° F.
Max. force of wind	3	Min.	0

Form of clouds cum. nim. circum.

Saturday, September 28, 1878.

Havre, France. "Bassin de l'Eure".

Overcast, drizzling rain first part of the day, clear and pleasant latter part. Calms and light variable winds. At 9.30 Am. mustered at Quarters and found Felix J. Shumm (OS.) absent without leave. At 11.00 Am. the German

2 Guns, under the command of Captain O. C. Badger, U. S. N.

Mail Steamer, and the French mail steamer for the United States and Brazil went out. The Carpenter's gang at work examining the outside caulking. Ensign E. D. Bas-lick, U. S. N., left the ship on leave.

Max. bar. for the day 30.23 in. Min. 30.18 in.
Max. dry bulb ther. 66° F. Min. 59° F.
Max. wet bulb ther. 64° F. Min. 69° F.
Max. force of wind 3 Min. 0
Form of clouds cumulus. nim. circum. cum. str.

Sunday, September 29, 1878.

Havre, France. "Bassin de l'Eure".

Cool and foggy first part of the day, clear and pleasant latter part. Calm, and light Easterly wind. Captain O. C. Badger left the ship on leave. Lieut Comdr. Whiting, Commanding; inspected ship and crew at Quarters. Felix J. Shuman (O.S.) absent without leave. Heavy dew fell during the night.

Max. bar. for the day 30.12 in. Min. 29.73 in.
Max. dry bulb ther. 65° F. Min. 53° F.
Max. wet bulb ther. 63° F. Min. 53° F.
Max. force of wind 3 Min. 0
Form of clouds. circum. cir. str. cumulo.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate.

Monday, September 30, 1878.

Havre, France. "Bassin du l'Eure".

Pleasant weather with passing showers of rain. Calm at the beginning of the day, at 4.00 am. a light breeze sprung up from the S. W. hauling to the N^d and W^d and increasing to a stiff breeze during the afternoon, somewhat squally. At 8.00 a.m. hauled down Senior Officer's pennant, and broke stops of pennant at the main, the Senior Officers pennant being hoisted at the same time on board the U. S. S. "Portsmouth". At 9.30 am. mustered at Quarters, and found Felix J. Shemer (A.B.) absent without leave. Drilled 4th Division Great Guns, 5th Small Arms, 1st Single-sticks, Signal Squad. Signals. At 2.00 pm. U. S. S. "Portsmouth" made signal 6222. Scraped spars. Set up hammock girtlines in obedience to signal.

Max. bar. for the day	30.06 in.	Min.	30.04 in.
Max. dry bulb ther.	62° F.	Min.	58° F.
Max. wet bulb ther.	60° F.	Min.	58° F.
Max. force of wind	7	Min.	0

Form of clouds cum. circum. nim. cumstr.

Respectfully submitted,
John N. Jordan
Cadet Midn. U. S. N.

Captain O. C. Badger, U. S. Navy,
Commdg. U. S. Sailing Frigate Constitution,
and Senior Officer Present.

Examined;
O C Badger
Captain, Commanding.

Guns, under the command of Captain O.C. Badger U.S.N.

Tuesday Oct. 1, 1878.

Dunn, France. "Bassin de l'Eure."

Cloudy, rather; passing showers. Moderate breeze from the S.E. and S. first part of the day, veering to the S.W. and W. and N.W. latter part of the day, and increasing in force. At 9.00 a.m. unbended at Quarters and found Ship's company present without leave. Inspected clothing of the men. Asst. Surgeon (Dr.) Chas. E. Putnam (U.S.) and Chief Carpenter (Mr.) left the ship with permission to visit Paris, returning at 7 P.M. a.m. The 9th inst. By order of Lieut. Comdr. Whiting, Commanding Command in charge of Liberty Party (men) to visit the city of Rouen. Private Edmund H. Richmond was assigned from the Marine Guard at Paris to this ship. Wm. Cowan (Ord.) left the ship without leave. Lieut. C. H. Cahoon, U.S.N. returned from leave.

Mean Bar. for the day 30.27 in Max. 30.40 in
Mean Dry Bulb Thm. 60° F. Max. 67° F
Mean Wet Bulb Thm. 57° F Min. 56° F
Mean force of wind 4 Max. 1
Forms of Clouds Cumulus, Nimbus, Cirro-Stratus.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 2nd Rate

Thursday Oct 6, 1870.

Fleet Frigate "Potomac" Overcast, passing showers first part of the day. Clear and pleasant latter part. Light variable airs & calm. At 9.30 am inspected at Quarters, and found Ship's Company (P.O., Mr Baker Asst., John H. Smith (Carp.), Francis Evans (P.O.), Jas. Ryan (P.O.), Chas. McMatthews (Ldg.), John Eberts (Ldg.), Michael Maguire (Ldg.), Thos. A. McMahon (P.O.), and Chas. Commodore) present & absent as per Drill and Muster Roll. Fired Evening Gun, Sounded Colors, Piped down, Struck, Signal Yeoman, Signals, and the Marine Guard, Payed Guards. Received on board from the Navigation and Construction Departments, Cables &c as per Bill. Sent a quarter of an 8 dollars ashore for the benefit of Mrs Baker (Carp.) Chas. Matthews (Ldg) left the ship with leave until the 7th inst. Chas. Freeman (Ldg), Chas. Commodore, John Eberts (Ldg.) and Michael Maguire returned on board on time.

Thermometer for the day 32.2° in morn. 32.2° in
Mean for last Week 61° F. Morn. 62° F.
Mean for last Month 54° F. Morn. 54° F.
Max. rise of Mercury 2 Morn. 0
From the Clerks Journal.

Ems: under the command of Captain C.O. Langan, R.N.R.

Thursday, Oct. 3. 1878.

Fr. Francis, "Grain de l'Est".

Char and pleasant, light Variable winds from the S.E. Carpenters at work on ship &c. 8 a.m. H.M.S. "Triumph" hauled down Union Flag pennant and H.M.S. "Undaunted" hauled up. At 9.30 a.m. mustered at Quarters and, found Ships Company (21), Mr. Brown (Ca), Mr. B. Smith (Com.), Jr. Sartin (Ch. Artificer), Mr. Downey (A.) Assist Clerk (R.) Assist Surg (R.) and Mr. Thompson (Pm.) absent without leave. At 10 a.m. Divine Service read. Mr. Smith (Com.) and Mr. Sartin (Ch. Artificer) absent from Divine Service. At 11.30 a.m. Mr. Smith (Com.) returned on board. Mr. Sartin (Ch. Artificer) absent without leave. At 12 noon Mr. Sartin (Ch. Artificer) returned on board. Mr. Thompson (Pm.) absent without leave. At 1 p.m. Mr. Thompson (Pm.) returned on board. At 2 p.m. Mr. Thompson (Pm.) absent without leave. At 3 p.m. Mr. Thompson (Pm.) returned on board. At 4 p.m. Mr. Thompson (Pm.) absent without leave. At 5 p.m. Mr. Thompson (Pm.) returned on board. At 6 p.m. Mr. Thompson (Pm.) absent without leave. At 7 p.m. Mr. Thompson (Pm.) returned on board. At 8 p.m. Mr. Thompson (Pm.) absent without leave. At 9 p.m. Mr. Thompson (Pm.) returned on board. At 10 p.m. Mr. Thompson (Pm.) absent without leave. At 11 p.m. Mr. Thompson (Pm.) returned on board. At 12 midnight Mr. Thompson (Pm.) absent without leave.

Mr. Thompson (Pm.) returned on board at 1 a.m. Friday, Oct. 4. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Saturday, Oct. 5. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Sunday, Oct. 6. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Monday, Oct. 7. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Tuesday, Oct. 8. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Wednesday, Oct. 9. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Thursday, Oct. 10. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Friday, Oct. 11. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Saturday, Oct. 12. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Sunday, Oct. 13. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Monday, Oct. 14. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Tuesday, Oct. 15. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Wednesday, Oct. 16. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Thursday, Oct. 17. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Friday, Oct. 18. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Saturday, Oct. 19. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Sunday, Oct. 20. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Monday, Oct. 21. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Tuesday, Oct. 22. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Wednesday, Oct. 23. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Thursday, Oct. 24. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thompson (Pm.) returned on board.

Mr. Thompson (Pm.) returned on board at 1 a.m. Friday, Oct. 25. 1878.

Mr. Thompson (Pm.) absent without leave. At 2 a.m. Mr. Thompson (Pm.) returned on board. At 3 a.m. Mr. Thompson (Pm.) absent without leave. At 4 a.m. Mr. Thompson (Pm.) returned on board. At 5 a.m. Mr. Thompson (Pm.) absent without leave. At 6 a.m. Mr. Thompson (Pm.) returned on board. At 7 a.m. Mr. Thompson (Pm.) absent without leave. At 8 a.m. Mr. Thompson (Pm.) returned on board. At 9 a.m. Mr. Thompson (Pm.) absent without leave. At 10 a.m. Mr. Thompson (Pm.) returned on board. At 11 a.m. Mr. Thompson (Pm.) absent without leave. At 12 noon Mr. Thompson (Pm.) returned on board. At 1 p.m. Mr. Thompson (Pm.) absent without leave. At 2 p.m. Mr. Thompson (Pm.) returned on board. At 3 p.m. Mr. Thompson (Pm.) absent without leave. At 4 p.m. Mr. Thompson (Pm.) returned on board. At 5 p.m. Mr. Thompson (Pm.) absent without leave. At 6 p.m. Mr. Thompson (Pm.) returned on board. At 7 p.m. Mr. Thompson (Pm.) absent without leave. At 8 p.m. Mr. Thompson (Pm.) returned on board. At 9 p.m. Mr. Thompson (Pm.) absent without leave. At 10 p.m. Mr. Thompson (Pm.) returned on board. At 11 p.m. Mr. Thompson (Pm.) absent without leave. At 12 midnight Mr. Thomp

Journal of Occurrences of H.B.M. Sloop Frigate Constitution, Jno Clark

Friday, Oct 4, 1878.

Fair, Fresh "Bassin de Lisa".
Hands employed. Light airs
variable, and Calms. Hands at work on Boat
Set T.U. Rec. Invoice and Receipts of Cargo,
Sent aboard Schr. Lisa (N.) Mr Parker Jr.
Mr Chas. Jr, Lieut. Wilson Jun. Mr Evans (N.)
Lieut. Wilson (N.) and James Evans (N.) Left
without leave. At 7.U. Rec. buried at Sea
Charles Hill aged about 25 yrs. M.D. Parker (Surg.)
D.C. Richardson (Ld) and Private Parker Sentry
left the ship with permission & visit, The
Remainder of Guard, Mitchell, Smith, and
a Prisoner of the Police (N.) taken off the wreck
and delivered on board of Sch. Lisa (N.)
Landed Jno. F. Captain (N.) in order that
he might be apprehended by the civil au-
thorities, and sworn out a Warrant of Ar-
rest for Felony, Jno Parker (C.S.), Engineers Mate (N.)
Jas. Evans (N.), Eric Wilson (Surg.), Mr Lewis (N.)
Chas Anderson (N.) returned on board prisoners.

Prev. Observations	30	in Mins.	30.20 ins
Mean for last Hour	66°	F. Mins.	49° F.
Mean for last Hour	0	F. Mins.	49° F.
Mean, rate of wind	0	Mins.	0

Remarks for Abstract Log. Direction, Dist. Lat. Long.

Lorient. Under the Command of Captain C. C. Badger.

Saturday, Oct. 5, 1878.

From, France. "Bassin de L'Eure".

Clear and pleasant, light winds from the
Land E.a. At 9.30 inspected at Quarters, and found
Petty Officers (Ass.), Wm Baker (Cox), and Pat. Dowry (O.S.)
absent without leave. Received on board and sent ashore
on the Nav. Dept. Captain C.C. Badger, U.S.N. Visited by the
ships. The French and German mail steamers
left for the United States. Finished coaling ship.

Mean Bar. for the day	30.2 in.	Prim.	30.19 in.
Mean dry bulb Ther.	68 °F.	Prim.	52 °F.
Mean Wet bulb Ther.	65° F.	Prim.	52 ° F.
Mean force of wind	3	Prim.	/

Forms of clouds. str. cirrost. cirrocum. cumulost. str. cum.

Sunday, Oct. 6, 1878.

Lorient, France. "Bassin de L'Eure".

Pleasant with mist around the
morning first part of the day, overcast and
drizzling rain latter part. Inward bound
mail Str. "Canada" arrived from the United
States. At 8.00 A.M. visited Engineer Offi-
cers Quarters on the ship, the ship Co.
finding it down at that time. At 9.30
A.M. "Called all hands to Quarters", and the
Divisions were inspected by their Officers.
At 10.00 A.M. "Sent to Quarters for Muster"
the crew and ship were inspected by
the Captain, after which, the "Articles for
the Future Government of the Navy" were read

formed of a crew of the R. L. sailing Frigate Institution 3rd Cut

by the Captain. Afterwards had a general muster of the Ship's crew. The following men were absent without leave, viz:- Felix J. Thomas (O.S.), Wm Baker (Cox.) Pat. Dawson (O.S.) Jas. McLain (Quart.) Chas. O'Neill (Sea.), John Neal (B.M.) and Abraham Stricker (Pte.). Abraham Stricker (Pte.) returned on board 10 hours over time. The R.L.S. "Portsmouth" failed to follow the movement of the Squ. Off. ships by not piping down Hammocks at the usual time.

Max. Bar. for the day 30.2 in Min. 30.20 in
Max. Air Inst. the. 65° F. Min. 57° F.
Max. Wet Inst. the. 66° F. Min. 57° F.
Max. force of wind 2 Min. 1
Form of Clouds Cir-Str. Cum-Str. Cum-Nim. Strato.

Monday, Oct. 7, 1878.

Down Harbour. Carolina to Town.

Overcast and rainy first and latter part of the day, clear and pleasant during the middle of the day. At 9.30 A.M. mustered at Quarters and found Pat. Dawson (O.S.) Felix J. Thomas (O.S.), Wm Baker (Cox.), John Neal (B.M.), Wm Mulligan (O.S.), Jas. Wm (O.S.), Phil. LeBlanc (Sea) absent without leave. Drilled 3rd Division Great Guns, 4th Small Arms, 5th Light Sticks, Signal Squad Signals, Marine Guard, Cutlass Exercise. Received on board stores in the Nav. Dept. Crew at work painting outside of Ship. Corporals gang placing stripes over the Main Guns. Wm Mulligan (O.S.), Chas. O'Neill (Sea) and

Euno, under the command of Captain O.O. Rodgers U.S.N.

John Neal (O.M.) returned on board over time.
John Hutchings (O.M.M.) left the ship on leave
for one week.

Mean. bar. for the day	30.21 in.	Min.	30.20 in
Mean. dry bulb thm.	66 °F.	Min.	60 °F.
Mean. wet bulb thm.	65 °F.	Min.	60 °F.
Mean force of wind	5	Min.	/

Forms of clouds. Cum. cum. cumstr. circum. &c.

Tuesday, Oct. 8, 1878.

Havre, France. "Bassin du Commerce".

Clear and pleasant. Ships track to
light from the S^d and E^t, and S^d and W^d. At 9.30
A.M. mustered at Quarters and found Felix J. Thum
(O.O.), Act. Dawson (Cas.) and Wm Baker (Cas.) absent
without leave. Drilled 1st Division Great Guns,
2nd Small Arms, 3rd Single Sticks, Signal Squad
Signals, and Marine Guard Manual Exercise. Re-
turned on board clothes in the Construction and
Paymasters Depts. Shipped Louis Killen as Landsman
for the cruise. By order of the Captain Edward Drake
(P.M.) was transferred to the "Portsmouth" with his ac-
counts, Log and Hammock, Rate John Jacobsen (A.B.)
as Qm. from Oct. 1, 1878. Jas. H. Wilkinson (Ord.) and Jas.
Matthews (Ord.) returned from leave. Philip Le Blanc
has returned on board over time.

Mean. bar. for the day	(On cross fm) rdgs. in.	Min.	(On cross fm) rdgs. in
Mean. dry bulb thm.	65 °F.	Min.	59 °F.
Mean. wet bulb thm.	63 °F.	Min.	59 °F.
Mean. force of wind	5	Min.	/

Forms of clouds cumnim. circum. Nim. cum. &c.

Journal of a cruise of the U.S. Training Frigate Constitution, 3rd Rate

Thursday, Oct. 9, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant first part of the day, overcast, rain, and squalls latter part. Fresh breeze from the S.W. and W. At 8.30 A.M. the French Gunboat "Naselli" came into the basin; an officer was sent to present the compliments of the Captain, and to offer services. At 9.30 A.M. mustered at Quarters and found Felix J. Quinn (O.S.), Wm. Baker (Cox.), Patk. Lawrence (O.S.), Wm. Conway (Ord.), Jas. Lawler (O.S.), and Chas. Carpenter (Ord.) absent without leave. Drilled 4th Division Great Guns. 5th Small Arms, 1st Light Sticks, Signal Squad, Signals. James Gordon (O.S.) was given two hours extra anchor watch for absence from drill without leave. J.J. Linnet (S.P.), A.J. Richardson (Ord.), Wm. D. Martin (Ord.), G.E. Sullivan (Ord.), John Matthews (Mus.), and Private Roth and Conway returned from leave. The Commanding Officer of the French Gunboat "Naselli" paid an official visit to the Ship. Joseph Lawler (O.S.) returned on board overtime. Lieut. Commdr. Whiting, U.S. Navy, left the Ship on leave.

Prog. Cond. for the day	(One Shown for repairs)		
Max. Dry Bulb Thm.	64 °F.	Min.	57 °F.
Max. Wet Bulb Thm.	63 °F.	Min.	57 °F.
Max. force of wind	7	Min.	3

Force of Clouds. Cum., Strat. Str. Cum. Nim.

Ems, under the command of Captain S.C. Badger U.S.N.

Thursday Oct. 10, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant mather with passing showers Wind fresh and squally from the S^a and W^a.

Received on board fresh provisions in the Paymasters Department. At 9.30 a.m. mustered at Quarters and found Felix J. Shumm (os.), Patk. Dauny (O.), Wm Baker (Cox.), John C. Browning (Lds.) Charles Carpenter (Lea.) absent without leave. Drilled 2nd Division Great Guns, 3rd Small arms, 4th Single Sticks, Signal Squad, Signals, and Marine Guard Bayonet Exercise. A Board of Survey consisting of Lieut C. M. Thomas, Boatswain Edward Bansall, and Boatswain Joseph McDonnell on true Boatswains calls, and three sets of topsail halliards. Run two parts of the ten inch hawser over the return for an extra part. Received on board in the Equipment Dep^t. one new top for the galley. Wm Conway (Lea.), Felix J. Shumm (os.), Chas. Carpenter (Lea.) and John C. Browning (Lds.), ~~Lieut~~. returned on board over time. Lieut. H. S. Stockton, U. S. Navy, returned on board from leave.

Max. bar. for the day (On shore for repairs.)
Max. dry bulb ther. 62° F. Min. 58° F.
Max. wet bulb ther. 61° F. Min. 58° F.
Max. force of wind 8 Min. 6
Form of clouds circum. nim. cumnim.

Journal of a cruise of the U. S. Sailing Frigate Constitution, from Europe,

Friday, October 11, 1878.

Havre, France. "Bassin de l'Eure".

Cool, cloudy, and squally, with passing showers. Wind fresh and squally from the S.E and W.S.W first part of the day decreasing in force to a light breeze, and hauling to the N.W and W.S.W latter part of the day. At 9.30 mustered at Quarters, and found Wm Baker (Cox.) and Patk. Dawney (O.S.) absent without leave. At 9.40 A.M. went to Fire Quarters, all ready in one minute. By order of the Captain Philip Davis (Lieut.) was released from confinement and restored to duty. The Captain returned the official visit of the Commanding Officer of the French Corvette "La Maselle". Wm Baker (Cox.) was declared a deserter from the 1st. inst. Jacob Hayes (Ord.) and Jas. E. Beaston. (W.O.S.) left the ship with permission to visit Paris.

Max. bar. for the day (On Shore for repairs)
Max. dry bulb ther. 59 °F. Min. 55 °F.
Max. wet bulb ther. 57 °F. Min. 53 °F.
Max force of wind 8 Min. 1
Form of clouds. Cum. cumnim. circum.

Saturday, Oct. 12, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light variable airs. At 9.30 A.M. inspected, and mustered at Quarters, found Patk. Dawney (O.S.) absent without leave. The French and German mail Steamers left the Harbor. The French mail Steamer

Guns, under the command of Captain O.C. Badger, U.S. Navy.

Berlin arrived from New York. Received on board Stores in the Paymasters and Construction Dep'ts. By order of the Captain relieved James J. Burke (Sea) to Cease from Oct. 2nd inclusive. Got chain hawser on board. Crew at work touching up black paint-work inside. Shipped Wm. H. Liman as O.S. for three years General Service.

Max. dry bulb thm. 57 °F. Min. 50 °F.
Max. wet bulb thm. 56 °F. Min. 50 °F.
Max. force of wind 2 Min. 0
Form of clouds. cum-nim. circum. cirstr.

Sunday, Oct. 13, 1878.

Havre, France. "Bassin de l'Eure".

Clear and pleasant; foggy during the morning watch. Calms and light E'ly wind. At 9.30 a.m. mustered at Quarters, and found Patk. Dawny (O.S.), Geo. Rogers (A.S.) and Danl. Lyon (A.S.) absent without leave. At 10.30 a.m. the Captain inspected the ship and crew at Quarters. Patk. Dawny (O.S.) was declared a deserter from this ship, and from the United States Naval Service, from the 13th inst. inclusive. Geo. Rogers (A.S.) and Danl. Lyon (O.S.) returned on board over time.

Max dry bulb thm. 58 °F. Min. 44° F.
Max wet bulb thm. 56 °F. Min. 44° F.
Max force of wind 2 Min. 0
Form of clouds cum. circum. cirstr. cir.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Monday, Oct. 14, 1878.

Havre, France. "Bassin de l'Eure".

Cool and pleasant, light haze.

Light breeze from the S^a and E^d. At 9.30 AM. mustered at Quarters. Drilled 5th Division Great Guns, 1st Small arms, 2nd Single sticks, Signal squad, Signals, Marine Guard Bayonet Exercise. Received on board stores in the Equipment Dep't., and fresh provisions in the Pay. Dep't. Hailed in, repaired, and hoisted out the dinghy. At 9.45 AM. "Portsmouth" sent down topgallant-masts. At 5.00 PM. Portsmouth signalled for permission to send up top-gallant-masts; Ans., Yes. At 5.10 P.M. she sent them up. By order of the Captain gave Alf Thomsen (O.S.) and J. J. Pattinson (Ldo.) one mck of extra duty for fighting.

Max. dry bulb Ther.	59° F. Min.	45° F.
Max. wet bulb Ther.	56° F. Min.	45° F.
Max. force of wind	3 Min.	1
Form of clouds	(Clear sky all day)	

Tuesday, Oct. 15, 1878.

Havre, France. "Bassin de l'Eure".

Cool, cloudy or hazy, but pleasant

Light Ely breeze and calm. At 9.30 AM. mustered at Quarters. Drilled 3rd Division Great Guns, 4th Small Arms, 5th Single sticks, Signal squad, Signals, Marine Guard, Bayonet Exercise. Sent the Sailing Launch to the French Mail Steamer

under the command of Captain O.C. Badger, U. S. Navy.

"Perrin" for stores under the Bureau of Provisions and Clothing. Received on board stores in the Paymasters Department.

Max. dry bulb thm.	58° F.	Min.	50° F.
Max. wet bulb thm.	56° F.	Min.	49° F.
Max. force of wind	3	Min.	0
Form of clouds cum.	min.	circum.	

Wednesday, Oct. 16, 1878.

Harre, France. "Bassin de l'Eure."

Mathew clear cool and pleasant. Very light breeze from the S^a and E^a and N^a and E^a. At 9.30 am. mustered and inspected at Quarters. Sent down cross-jack yard to make an alteration in the truss. Crew at work setting up stays and backstays, and overhauling braces of the lower yards. Master L. L. Reamy, U. S. Navy, left the ship with two weeks leave of absence. The U. S. S. Portsmouth failed to follow the movements of Senior Officers Ships in maneuvering today.

Max. dry bulb thm.	62° F.	Min.	53° F.
Max. wet bulb thm.	60° F.	Min.	53° F.
Max. force of wind	1	Min.	0
Form of clouds	cumstr.	circum.	Str. cum. cirstr.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate

Thursday, Oct. 17, 1878.

Harve, France. "Bassin de l'Eure".

Pleasant weather, foggy during the morning watch. Light breeze from the E^a, and S^a and E^a. Swayed up and unrigged crossjack yard. Received on the Pay. Deb^t. fresh Provisions. At 9.30 A.M. mustered and inspected at Quarters, found John Brackington (B.Bk.) absent without leave, he returned on board six (6) hours overtime. Crew at work overhauling rigging. Lieut. J. W. Carlin, U. S. N. left the ship with two (2) days leave of absence. The U. S. S. "Portsmouth" did not haul taken at the usual time

Max dry bulb thm	59° F.	Min	49° F.
Max wet bulb thm	58° F.	Min.	49° F.
Max force of wind	3	Min	1

Form of clouds circum. Str. cumuli.

Friday. Oct. 18, 1878.

Harve, France. "Bassin de l'Eure".

Pleasant weather, mist around the horizon. Light breeze from the E.S.E. The U.S.S. Portsmouth did not haul warps. At 9.30 A.M. mustered at Quarters, and found Matthew Whalen (1st) absent without leave. Went to his Quarters, all ready in 2^m 38^s. Jacob Hayes (Cas), and James Beaslan (W.S.

Ensn. under the command of Captain O.C. Badger, U.S.N.

returned from leave from Paris. Engaged in watering ships. Henry Williams (C.M.) and Joshua Hardin (Sea.) at work calking on the "Portsmouth". German mail steamer came in. Painted in 3rd Cutter. Crossed the main yard. Weather Whalen (Sea.) returned on board overtime.

Max. dry bulb thm.	61 °F.	Min.	48° F.
Max. wet bulb thm.	60 °F.	Min.	48° F.
Max. force of wind	2	Min.	2

Form of Clouds. Circum. Cumstr. cir. cirstr. cumnim.

Saturday, Oct. 19, 1878.

Harve, France. "Bassin de L'Eure".

Pleasant weather first part of the day Overcast and rainy latter part. Calm and light variable airs. At 9.00 a.m. inspected at Quarters, and found Geo. H. Williams (2nd.) absent without leave. He was brought on board by the police and a fine of six francs paid. The French and German mail steamers left for New York. Engaged in watering ships. The "Portsmouth" failed to heat tides. Saint-Cast in U.S. Navy returned from leave

Max dry bulb thm.	60 °F.	Min.	55 ° F.
Max wet bulb thm.	60 °F.	Min.	55 ° F.
Max force of wind	2	Min.	0

Form of Clouds. Circum. Nim. Cumnim.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate,

Sunday Oct. 20. 1878.

Harre, France. "Bassin de l'Eure".

Overcast and rainy first part of the day, pleasant latter part. Calms and light variable airs. Capt Midn. W. T. Branaugh and J. N. Jordan left the ship on leave. The French mail steamer came to anchor outside. At 9.30 a.m. muster at Quarters, and found Charles Gray (O.S.) absent without leave. At 10.35 the Captain inspected ship and crew at Quarters. Midn. F. M. Potts returned from leave. The French mail steamer "Ville de Paris" came in. The U. S. S. Portsmouth sailed to sea at 4 p.m.

Max. dry bulb thm. 61 °F. Min. 56 °F.
Max. wet bulb thm. 60 °F. Min. 56 °F.
Max. force of wind. 2 Min. 0
Form of clouds. Nim. Cumulus. Cirrus. Cum. Cumulus.

Monday, Oct. 21, 1878.

Harre, France. "Bassin de l'Eure".

Overcast, squally, rainy. Light breeze from the S.E. first part of the day, hauling to the S and W^d, and increasing in force. Chas. Gray returned on board overtime. At 9.30 Am. mustered at Quarters and found Louis D. Nolan (P.S.) absent without leave. He was brought on board by the Police, and a fine of six francs paid. Detailed 2nd Division Great Guns and Small Arms, 4th Division Cutlasses

Frmd. under the command of Captain C.E. Badger, U.S. Navy.

Henry Williams (C.W.), and Joshua Hardie (Sea.) at work caulking the Portsmouth's deck. Hoisted out 3rd cutter, and hailed her alongside davits. Hoisted 5th cutter inboard

Max. dry bulb thm.	60 °F.	Min.	56 °F.
Max. wet bulb thm.	60 °F.	Min.	56 °F.
Max force of wind	6	Min.	0

Form of clouds. cumm nim. nimsth.

Thursday Oct 22, 1878.

Havre, France. "Bassin de l'Eure".

Overcast, raing, and squalls of rain and hail. Stiff breze from the N^e and W^d, and S^e and W^d. Lieut. J.W. Carlin, U.S.N. left the ship on leave. Henry Williams (C.W.) and Joshua Hardie (Sea.) at work caulking on board the "Portsmouth". A French steamer from Mont Vidia came into the basin. At 9.30 A.M. mustered at Quarters. Drilled 2nd, 3rd, 4th, and 5th Divisions at Infantry Tactics. Carpenters gang at work fitting Ensign Winslow's boat detaching apparatus in 5th cutter, and on two boats of the U.S.S. "Portsmouth". F.P. Light (Pay Yo.) left the ship having twelve days leave of absence.

Max. dry bulb thm.	59 °F.	Min.	52° F.
Max. wet bulb thm.	58° F.	Min.	51° F.
Max. force of wind	6	Min.	4

Form of clouds cumm. cirsth. nim.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate,

Wednesday, Oct. 23, 1878.

Harve, France. "Basin de l'Eure."

Cloudy, squally, and passing showers of rain. Stiff breeze from the S.E and W.S.W decreasing in force towards night. Henry Williams (C.M.) and Joshua Hardie (Sea.) at work caulking on board the "Portsmouth" At 9.30 A.M. mustered at Quarters. Drilled 1st and 2nd, and 3rd Divisions at marching. Sent Jones and Sand of for-guard on shore. Both men of the dinghy crew. Transferred in the Pay Masters Department to the "Portsmouth" 108½ yards of flannel. Carpenters gang at work fitting boat-detaching-apparatus in 5th cutter. Ensign E.D. Bastick and Ensign G.S. Carter returned from leave.

Max. dry bulb thm.	55° F.	Min.	50° F.
Max. Wet bulb thm.	54° F.	Min.	50° F.
Max. force of clouds	7	Min.	3

Form of clouds Cumulus. circum. Min. cumu. cir.

Thursday, October 24, 1878.

Harve, France. "Basin de l'Eure."

Overcast and rainy; fresh breeze from the S.E and W.S. Received fresh provisions in the Pay. Department. At 9.30 A.M. mustered at Quarters, found John Shugrue (Sea.) absent without leave. Drilled 2nd, 4th, and 5th Divisions at Gundeck. Henry Williams (C.M.) and Joshua Hardie (Sea.) at work caulking on board the Portsmouth

Guns, under the command of Captain C.C. Badger, U.S.N.

The American Ship "Guardian" came into the basin, anchored, and fouled the English Steamer "Primrose", carrying away the fore-top-mast of the "Primrose". Sent the 2nd and 3rd Cutters crews, and Boatswain, under charge of an Officer to her assistance, who hauled her to the dock gate. Lieut J. W. Carlin, U.S.N. returned from leave.

Max. dry bulb thm.	58° F.	Min.	53° F.
Max. wet bulb thm.	60° F.	Min.	53° F.
Max. force of wind	6	Min	2
Form of clouds	nim.	cumm.	

Friday, Oct. 25, 1878.

Havre, France. "Bassin de l'Eure".

Overcast, cool, and cloudy; breeze light to fresh from the S^e and W^e. Henry Williams (C.M.) and Joshua Hardie (Sea.) at work caulking on board the "Portsmouth". The French Santa American and Hamburg mail Steamer arrived. John Shugrue (Sea.) returned overtime. At 9:30 muskered at Quarters and found Henry Swanky (Pt.) absent without leave. He returned on board overtime. John Shugrue (Sea.) was placed in Sick irons by order of the Captain. Drilled 1st, 2nd, and 3rd Divisions at Gun-drill. The American Ship "Minnie" came in.

Max. dry bulb thm.	54° F.	Min.	50° F.
Max. wet bulb thm.	54° F.	Min.	50° F.
Max. force of wind	6	Min.	1

Form of clouds. Nim. cumm. cirrum. cirr. cum. Str. am Str.

Journal of a cruise of the U. S. Sailing Frigate Constitution. 3rd Rate.

Saturday, Oct. 26, 1878.

Harn. Strait. "Bassin de l'Eau".

Overcast, squally, and passing showers of rain first part of the day. Clear and pleasant latter part. Wind blowing a moderate gale from the S^a and W^a decreasing in force towards evening. Received fresh provisions for the crew in the Pay Department. Henry Williams (Can.) and Joshua Hardin (Ga.) at work caulking on board the Portsmouth. The "Portsmouth" at work rowing off running gear. 1st Lieut. Richard Wallach, U. S. M. C. was detached from this vessel, and ordered to the Portsmouth. Received on board in the Equipment Department four chains for Ensigns Winslow's boat-detaching apparatus.

Max. dry bulb Ther.	57°	4.	Min.	51° 4.
Max. Wet bulb Ther.	56°	4.	Min.	51° 4.
Max. force of wind	8		Min.	4

Form of clouds Cumulus. Nim. Cirro.

Sunday, Oct. 27, 1878.

Harn, Strait. "Bassin de l'Eau".

Weather generally pleasant and cool with passing showers. Calms and light variable breezes. At 9.30 a.m. the crew was mustered and inspected at Quarters by the Divisional Officers. The French Mail Steamer "Labrador", and the

Guns, under the command of Captain O.C. Badger, U.S. Navy.

German steamer "Vandalia" came in, and the French Mail steamer "Riviera" and German steamer "Pomerania" left the harbor. Midn. J.M. Potts, U.S.N. was detached from this ship, and ordered to the "Portsmouth". Sent a detachment of marines in charge of a Sergeant to attend the funeral of one of the "Portsmouth" marines. Master H.H. Crosby U.S.N. returned from leave.

Max. dry bulb thm.	52° F.	Min.	50° F.
Max. wet bulb thm.	51° F.	Min.	49° F.
Max. force of wind	3	Min.	0

Form of clouds Str. cum. cumm. nim.

Monday, Oct. 28, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant first part of the day, rainy, latter part. Wind light to fresh from the S^a and W^a, and N^t and W^a. Henry Williams (C.M.) and Joshua Hardin (Sea.) at work caulking on board the "Portsmouth". The "Portsmouth" failed to follow the movements of this ship, by furling awnings instead of hauling. Received fresh provisions for the crew in the Pay Department. At 9.30 A.M. mustered at Quarters. Drilled 2nd, 4th, and 5th Divisions at marching. Carpenters gang at work fitting Quinn Winslow apparatus on Portsmouths boats. Released John Shugrue (Sea.) from confinement, by order of the Captain. Shipped Henry Davis as Seaman for the cruise.

Max. dry bulb thm.	52° F.	Min.	49° F.
Max. wet bulb thm.	51° F.	Min.	49° F.
Max. force of wind	5	Min.	1

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate,

Thursday. Oct. 29, 1878.

Havre, France. "Bassin de l'Eure".

Overcast, squally, rainy, hail, thunder, and lightning. Wind fresh & light from the N^a and W^d. Sent Hamm Williams (Cox.) and Joshua Hardin (Sea.) on board the "Portsmouth" & assist in caulking decks. Sent Launch and watering to the "Portsmouth". At 9.30 am. mustered at Quarters. Drilled 1st, 2nd, and 3rd Divisions in the school of the company. Received on board in the Equipment Department 100 fathoms 4½ inch, and 80 fathoms of 4 inch rope manilla.

Max dry bulb thm.	50° F.	Min.	43° F.
Max. Wet bulb thm.	48° F.	Min.	43° F.
Max force of wind	6	Min.	0

Form of clouds nim. cumnim.

Wednesday, Oct. 30, 1878.

Havre, France. "Bassin de l'Eure".

Overcast, rain, hail, lightning, and squally. Wind fresh and squally from the N^a and W^d. Hamm Williams (C.M.) and Joshua Hardin (Sea.) at work on board the Portsmouth caulking. At 9.30 A.M. mustered at Quarters. Drilled 1st, 4th, and 5th Divisions at marching on gun-deck. Ensign H. Y. Reich U.S.N. was detached from this ship and ordered to the U.S.S. "Supply" by order of Captain C. C. Badger, U.S.N. Liaison Officer Present. At 4.0 P.M. commenced bracing the yards to the wind. Assis-

Guns, under the command of Captain O.C. Badger, U.S.N.

wards squared the after yards the wind having hauled to the W^d. Received on board in the Department of Equipment 500 pounds of charcoal

Max. dry bulb Ther. 50° F. Min. 41° F.
Max. wet bulb Ther. 47° F. Min. 40° F.
Max force of wind 6 Min. 2
Form of clouds. Nim. Cumim. circum.

Thursday, Oct. 31, 1878.

Harbor. France. "Bassin de l'Eure."

Pleasant but cool. Light variable breeze. Sent sailing launch to the U.S.S. "Portsmouth". Received on board, for use of crew, fresh provisions in the Pay. Department. At 9.30 A.M. mustered at Quarters. Drilled 3rd Division Great Guns, 4th Small Arms, 5th Single sticks Signal squad at signals. Carpenters gang at work putting gratings pieces in Spar deck planking.

Max. dry bulb Ther. 50° F. Min. 45° F.
Max. wet bulb Ther. 48° F. Min. 44° F.
Max. force of wind 3 Min. 1
Form of clouds Cumim. circum.

Respectfully submitted,
John R. Jordan.
Cadet Midn.

Captain O.C. Badger, U.S.N.
Comm'dg. & Senior Officer Present.

Examined,
O C Badger
Captain, Commanding.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate

Friday November 1, 1878.

Havre, France. "Bassin de l'Eure".

Pleasant weather, passing showers
towards night. Calms and light winds from the
S.E. and E.S.E. At 9.15 a.m. the "Portsmouth" made
signal Ent. 6183. Ans. 904. Sent working party
under two Officers on board the "Portsmouth" to
assist in unmooring ship. Veered port chain
on this ship to allow "Portsmouth" to clear her
starboard anchor, afterwards hove in and
secured port chain. Sent dinghy to grapple
for gig's ensign and staff which was lost
overboard. Carpenter's gang at at work pay-
ing seams on starboard side. Recovered
gig's ensign and staff. At 1.50 P.M. the "Ports-
mouth" got underway and stood out the
harbor in tow of a tug. Working party re-
turned from the Portsmouth. Received sand
on board.

Max. dry bulb Ther. 46° F. Min. 41° F.
Max. wet bulb Ther. 45° F. Min. 41° F.
Max. force of wind 2 Min. 0
Form of cloud Cumulo. cum. cumulus. circum rim.

Saturday, November 2, 1878.

Havre, France. "Bassin de l'Eure".

Weather generally pleasant, pass-
ing showers, thunder and lightning last
part of the day. At 9.30 a.m. mustered at
Quarters. Divisional Officers inspected men's
clothing. Men at work scraping starboard and

Ems, under the command of Captain O.C. Badger, U.S. navy.

paying exams an standard side. Received an
Paid in Pay. Dept. [illegible] for
Capt. Sh Finch and Lyman Trail [illegible]
left for New York. Lieut. J. R. Tyler U.S.M.C
returned from leave

May. Am Lat Obs	49° 3' Nm.	44° S.
May. Pm Lat Obs.	47° 7' Nm.	44° S.
May. force of wind	4 Nm.	0
Form of clouds Cumm. cirrum. Nm.		

Sunday January 2, 1876.

Farm Smith. "Rade de l'Eau".

Cool and cloudy, passing showers and drizzling rain. Calm and light variable airs. At 9.30 received at Customs Land and Sea Letters (Ldc.) and [illegible] Brickhouse, Jr. about without mail. At 2.50 Pm. Captain invited ship and Crew Read Articles of the Articles Confederation of the New Laws E'Rebellion (Ldc.) Was brought off by the police, and a fine laid for his arrest. Mr. Erickson (Pm.) Wound and Wounds 10 hours overtime.

Mean Am Lat Obs	49° 3' Nm.	44° S.
Mean Pm Lat Obs.	47° 7' Nm.	44° S.
Mean force of wind	3 Nm.	0
Form of Clouds Cumm. cirrum. Nm.		

Journal of a cruise of the U.S. sailing Frigate Constitution, 3rd Cat.

Monday November 2nd, 1875.

Starr, Master, Basin de l'Est.

Overcast and hazy. Received on board Light vessels stores. Received on board powder Provisions &c from Wm Rose (C.S.) Sent on shore with Commission. Received on board Construction Dept. 3 tons water casks and 20 tons sand and filled up to ballast. Wm Rose C.S. returned on board the stores over from Light Vessels. Hauled alongside the Wharf. Let go the stern fast. Hauled off from the wharf and moored ship in the Basin de l'Est.

Mean Draft of water	20° 7 Min.	4 F° 7
Mean Draft of water	4° 7. 9 Min.	4 F° 7
Mean draft of mud	4 9 Min.	/

Sum of Masters Min. Carried from 20 F.

Tuesday November 3, 1875.

Starr, Master, Basin de l'Est.

Overcast rainy, and squally. Wind South & light. Received on board Wm Rose C.S. At 9.30 AM. Unmoored at Quarter Past Basin de l'Est (P.Q.) Hauled alongside the Wharf. Shot the Starboard Bower Anchor in the Basin. Received on board from the Wharf 1 Chain Cable 1 Bower Anchor 1 Stream Anchor 1 Kedge Anchor 1 Hawser. Crew at work stowing Cables in Tiers and securing Masts.

Mean Draft of water	46° 7 Min.	43° 7
Mean Draft of water	45° 7 Min	43° 7
Mean draft of mud	5 Min.	/

From on board the Command of Captain C.C. Badger R.C.S. No.

Wednesday November 6 1878.

Harn, Grant. "Bardin de l'Eau."

Overcast, rainy, squally and cold. Wind light & variable from N.E. and N.N.E. and E. At 9.30 A.M. proceeded at Seatons and found James F. Brown (C.), Francis Grant (C.G.C.) Robt Cauley (C.S.) Duncan Robinson (Ldg.), Paul Grant, Jno. Card Brandt (A.), Chris. Petersen (A.) Hans. McCarthy (Ldg.), Chris. McMorton (Ldg.), Edw. McGrahan (O.S.), L. Dalton (P.M.) and Gabriel Pinette (M.R.C.) absent without leave. Chris. Petersen (A.), Chas. McCarthy (Ldg.), Carl Brandt (A.), Chris McMorton (Ldg.); ~~and~~ Edw. McMahan (O.S.) and yesterday returned on board over time. The latter being drunk was placed under arrest by Sergt, by order of the Captain, until he was sober, and then released. All workmen from shore at work getting fish on board.

Mean time Sails fm. -0° 3 Mean -3° 2.
Mean time Sails fm. +5° 3 Mean -3° 2.
Mean force of wind 5 Mean
Force of Gale

Journal and Account of the H.M. Sailing Frigate Constitution, for the

Thursday November 7, 1811.

Harm, France, Bassin de l'Eure".

Cast and Sandy. during
Shower. Moored ship with the Stb and Pt
Bt 9.30 Dec. Received at Quarantine and
Came to Anchor Crew C.P.C., Paul Frank (Sea)
John Thompson Ord., Paul Nelson M.C., Wm.
Williams (C.), Wm Thomas (C.) Benjm. Ward
(C.), Frank Evelyn (C.), Felix Thomas (C.)
Capt. Smith R.M.C. and Garrett Dalton (P.M.)
absent" without leave. The following men
returned on board onboard viz:- Reuben
Robinson (Sea), Capt. Lang (C.), Francis Evans
(C.P.C.), Jack Nelson (C.), Wm Williams (C.) Wm
Thomas (C.) Frank Evelyn (C.) Garrett Dalton P.M.
and Felix Thomas (C.) By order of the Captain
a number of the Officers and Crew for the
Arrest of Paul Frank (Sea.) Robt Lang and
Wm. Rivers (C.) were placed in irons from
the mast for having liquor in possession, and
the latter for using abusive language,
Drilled the Div. Marching, at small arms. 2nd Div
Cutlass. Signal Squad Signals. Received on
board the Equipment Department 2 Tons
Provisions. Received on board sick
provisions for Ship's Company. Received on board
on Ballast. Cast and Filled Ship's Water to

Mean Draft of water fore	18° F.	Aft	15' F.
Mean Draft of water fore	16° F.	Aft	13' F.
Mean Draft of water fore	3	Aft	1

Force of Winds Common Cream. Aft. Cream.

Euro, under the Command of Captain J. C. Parker R.N. R.D.

Friday, November 8, 1878.

From, Fraser. "Essin de l'Eau".

Cool and Cloudy. Squally and rainy latter part of the day. Fired gun with rocket signals from the Flagstaff and SE and SW Batteries at 9.30 a.m. Number of Crew: Joseph Paul Frank Lea., Samuel Eaton (Pte.), Robt. Pragnell (Pte.) Andrew Reid (A.B.), Frank Evelyn (A.B.), Frederick Nelson R.M., M. Maginn (A.B.), John Haley (A.B.), and Edward Gibbons (C) Absent without leave. John Hanrahan (Corp.) Fred. Tibbs A.B., Edward Cleaver (Pte.), Michael Maginn (A.B.), Francis Eaton (Pte.), Wm. Graham (Pte.) Wind on board moderate. Receive from main mast. Number of the Captain gave several drills. Found Extra duty in instance of Sergeant-at-arms. During the night the ship was moored by port anchor a-head & astern. Received on board in Provisions & Stores amount 2300 pounds of meat.

Max. dry bulb thm.	50° F.	Min. 45° F.
Max. wet bulb thm.	49° F.	Min. 43° F.
Mean force of wind	8	Min. 2

Name of islands in sight Min. Str. Name.

Commanding officer - The Rt. Hon. Lord Frederick Cavendish, 2nd Bath,

Saturday November 9, 1878.

Harm, Francis, Leads to "Com"

Clear and pleasant. Fresh wind from N.N.W. to W.S.W. and clear again. Called 'all hands' at 2.5 a.m., and moored to Quarantine Station at 2.15 p.m. Received an agent from Provincial Government. At 7.30 p.m. went to Quarantine, and found Paul Frank (a.), Frank Evelyn (N.), and Robert Coryell (N.C.) absent without leave. Found and Lieman Trail Steamer left for the United States. Crew at work all day in loading ship, shifting ballast, and getting in and out cable. Found to be fathoms on port chain.

Mean draft fore	19' 7" Min.	43' F.
Mean draft aft	17' 7" Min.	4" F.
Mean draft of mid	6 Min.	2

Sum of Under Crown Ann.

Sunday November 10. 1878.

Harm, Francis, Reads to "Com"

Cool and cloudy, rain during the afternoon. First mate went ashore with leave of absence. Smoked from guards. At 7.15 AM moored at Quarantine and found Paul Frank (a.) Frank Evelyn (N.) and Robert Coryell (N.C.) absent without leave. French Trail Steamer Canada ar-

Fine, under the command of Captain O.C. Hansen, R.N.R.

Wind from New York.

Mean dry bulb Temp.	54°.3 Min.	46° F.
Mean wet bulb Temp.	52°.3 Min.	45° F.
Mean force of wind	7 Fine.	4

Force of Sounds. Strong. Fine. Moderate. Air.

Moderate Passages to Fiji.

Harm, France. Boston to Suva.

Cool and cloudy, dripping rain. Wind fresh with heavy squalls from N.E. and N.N.E. and E.S.E. and N.W. By noon the Captain released Leo. Logan (A.B.) and Hall Cooley (O.S.) from Confinement. At 9.30 a.m. mustered all hands and found Fabio Piazetta (M.E.C.) Paul Frank (Ch.), Frank Logan (A.B.), F. W. Newman (O.S.), T. H. Hatton (Carp.), W. J. Lima (Ch.) and J. C. Pereira (Ch.). The following were rationed on Scanty Allowance, viz:- F. W. Newman (Leo.), T. H. Hatton (Cook), John C. Pereira (Ch.). Painted ship outside. Pay Sheets J. 2. Hatches over the ship as usual. Fine cool. Ditto part of a Gentle breeze over Port Quarter all the first part. Rounded a Fathom and Cable Chain & Cable the stern on Main Yard.

Mean dry bulb Temp.	51° 4 Min.	41° F.
Mean wet bulb Temp.	51° 3. Min.	46° F.
Mean force of wind	7 Min.	1

Force of Sounds from New Zealand Coast

Journal of a cruise of the U.S.S. Wing Frigate Constitution Isaac Hull

Sunday, November 12, 1838.

Tunis, Africa. "Bassin de Tunis."

[illegible] and cleaned ship
Last part of the day employed in
[illegible] Fresh breeze with rain squalls from
N.W. and N.E. rowing to the S.E. and N.E. and
Rain to the S.E. and E. and at meridian came-
ing [illegible] to the S.E. and N.E. and de-
termined [illegible] to force to a south course.
Surgeon [illegible] and Lieut. Hull the ship and crew.
Capt. Nicholson, U.S.N. Dodge left the ship in
charge of a gang of men from the ship of
the Captain, [illegible] returned to the U.S.
U.S. Consulate General & Suite at the Palais
Bardo. A.C. Gondolas returned on board
[illegible]. At 9:30 A.M. landed a party
and found Robert Padgett (N.C.), James
Spence (Ga.) Thomas Parker (N.H.) and Frank
Evelyn (N.) absent without leave. Received
on board a quantity of water in the
Commissary Department. Received the
Mercurial barometer on board. Thomas
Parker (N.H.) was brought on board by
the police, and a sign of six months
said for his arrest by order of the Captain.
Crew at work [illegible] Topgallant sheets
and Royal clewlines, and making
and taking in cream ballast. A British
Merchant ship landed the ship on
the starboard tier [illegible] to anchor

Sloop under the command of Captain T.E. Badger — 26.5.76

Max. bar. for the day	29.42	Min.	29.25
Max. dry bulb thr.	47° F.	Min.	43° F.
Max. wet bulb thr.	42° F.	Min	43° F.
Max force of wind	8	Min.	
Force of Clouds	Min.	Cumulus.	

Wednesday November 13, 1878.

Pleasable mattin, light breezes from the S.E and ranging to the S.W and W.S.W and W. At 10-15 Am mustered all hands and found all men absent without leave. Henry Davis (a) Jack Evans (a) and W.G. Brown (a) Ft. 1st Class on board on mattin. Carpenter caulking foredeck, and a man painting Starboard boards; And fitting Foresail boom. Received on board stores from the Provisions Department. Carpenter employed cutting for monthly requisitions.

Max bar for the day	29.38	Min.	29.25
Max. dry bulb thr.	46° F.	Min	42° F.
Max. wet bulb thr.	46° F.	Min.	41° F.
Max force of wind	2	Min.	
Force of Clouds			

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate,

Thursday, November 14, 1878.

Harbor, France. "Bassin de l'Est."

Overcast, rainy, and squally.

First part, fresh from the N.E. and E.N.E. and N.E. and N. Received and erected, on the N.E. part, Lieut E. H. Tiffany, U.S.N. in charge on board the ship as watch officer at 9.30 AM. Mustered at Quarters, and found all present without leave. Departed this life, by the ship on leave, One of the crew taking Pilot aboard.

May.	Variation by	22° 4' W.	20.38 W
Mar.	Var by Sub Tab.	4° 7' W.	- 3 7
Mar.	Var by Sub Tab.	46° 2' W.	4 3 8
Mar.	Mean of 4 winds	6	Min.
	Sum of winds	Zero.	

Friday. November 15, 1878.

Harbor, France. "Bassin de l'Est."

Overcast, rainy squally, with more from the N.E. and N.N.E. Lieutenant Edward Barnett left the ship on leave at 8 AM mustered at Quarters, and found all present without leave. Receiving Pilot on board. Draft of ship 21 ft - 1 in aft. 18 ft - 2 in forward. Mean 20. Received returns from boats sent a Towing of this forenoon returned to the ship's side. Sailed [illegible] and [illegible] Brought on board the boats and [illegible]

From the Journals of Lieutenant C. S. Radford, U.S.N.

Max. for the day	29.38 in Min.	29.30 in
Max. dry bulb Ther.	45° F. Min.	42° F.
Max. wet bulb Ther.	45° F. Min.	42° F.
Max. force of wind	6 Min.	
Force & direction	Min.	

Saturday, November 10, 1838.

Fresh breezes and cloudy,

Forecast, rainy, and squally, cleared up in a short time first with showers and then shut in again. Wind light & fresh from the N.E. and E. and S.E. and W. with frequent squalls. Lieut. Dan Fahrney U.S.N. returned from leave. Lieut J. M. Cardin U.S.N. left the ship on leave. Taking vessel aground at 9.30 moderate at 2 P.M., and remained there until about midnight. An English barque dragged her anchor and fouled our forte chain. Run a line to the starboard bow. Moored on port chain, veering out boats ropes to assist them in clearing. Afterwards Fresh in and cleared port chain at 32 Min.

Max. for the day	29.38 in Min.	29.30 in
Max. dry bulb Ther.	48° F. Min.	44° F.
Max. wet bulb Ther.	48° F. Min.	44° F.
Max. force of wind	6 Min.	
Force & direction	Min.	

Journal of proceedings of the U.S. Coast Guard Frigate Institution, &c. etc.

Sunday November 17, 1878.

Harm. Fresh "Baie de l'Eau".
Carpet rung, and spread.
Wind variable, moderate and fluctuating.
Ship riding at single anchor, with
Commander Starling in the Chair. At
8 A.M. carried at Quarters, and inspected
Men (Guard without Arms). Read Articles of
War. Performed Church Service. By order of the
Captain the following men were discharged to
the United States Frigate "Potomac", Jno Brooks, Ord.
and Edward Evans, Ord. Their Clothes were
Searched, and sent with the Yeoman
Witness from that Ship present. At 10 A.M.
A.M. Ended Divine Service.

Mean temperature	2	Min.	29.42
Max. do.	47	Min.	44
Mean do.	45	Min.	43
Max. range	5	Min.	0

Fresh breezes and clear during forenoon

Monday November 18, 1878.

Harm. Fresh "Baie de l'Eau".
Moderate and Cloudy most
of the day occasionally Clearing up, and
then Clouding up again. Calm and
Light Airs from the N.E. and E.S.E.
during the mid-watch, when
we Began Carbon to see if we could
Make Assistance. At 9.30 A.M. mus-
tered at Quarters, Manned Evening

Ports, under the command of Captain C. Cazeaux, R.E.N.

At Infantry. Engrs Mr Jones and Lieut F.J. Chicken returned from leave. Engrs Lt McK. Ainslie and Lt. L. Carter left the ship on leave. Receiving ballast aboard. Received on board in the Fair Deposit ten 10 yards Lining
Draft of ship aft 21ft 4 2in. Forward 18ft 3 2in
Mean. bar. for the day 30.18 in. Min. 29.65 in
Mean. dry bulb Thm. 47° F. Min. 42° F
Mean. wet bulb Thm 47° F. Min. 42° F
Mean. force of wind 4 Min. 0
Form of clouds Cirro. Circum. cum. Cumulus

Tuesday, November 19, 1878.

Horn, France. "Bassin de l'Eau".

Pleasant but rainy. Mid light & fresh from the E and E.S.E. Boatmen Edward Kennedy returned from leave. At 9.30 A.M. mustered at Quarters, John Neil (R.M.) absent without leave, in returned overtime. Wm Gunn (R.) was brought on board by the police and a fine of 4s 6d each paid. Drilled 3rd Div. marking, 4th small arms. 5th Engr. Artificers, Signal Signals. Received on board Painting stores. Sent men from ship to work on breakwater aboard. Received on board Commissariat.
Mean. bar. for the day 30.32 in. Min. 30.12 in.
Mean. dry bulb Thm. 48° F. Min. 41° F.
Mean. wet bulb Thm. 46° F. Min. 41° F.
Mean force of wind 5 Min. 1
Form of clouds. Cum. Cir.

Journal of a Cruise of the H. B. Sailing Frigate Evolution, Fred. Nicholls, Esq. Com.

Wednesday, November 20, 1878.

Harm., France. Basin "de l'Eure".
Moored, coal, and Unrig.
Moderate breeze from the N.E. and E.
At 11.15 inspected at Quarters. Making
ship Carpenter gang at work caulking
gun deck seams.

Max. bar. for the day	30.30 in.	Min.	30.12 in.
Max. dry bulb Ther.	42° F.	Min.	37° F.
Max. Wet bulb Ther.	42 F.	Min.	37° F.
Max. force of wind	4	Min.	1

Hours of Liberty Given. Am. Noon. Punishments.

Thursday, November 21, 1878.

Harm., France. "Basin de l'Eure".
Cloudy and misty. Calm &
light breeze from N.E. and E.S.E. Taking
in ballast. At 9.30 a.m. mustered at
Quarters and found Chas. McMahon (R.) ab-
sent without leave. He was brought on
by the police, and a fine of six days pay
paid. He was placed in double irons
& awaits trial by Summary Court Martial
by order of the Captain. Received on
board in the Navigation Depot, 30 days
Provisions and 60 lbs. Picking

Max. bar. for the day	30.10 in.	Min.	29.97 in.
Max. dry bulb Ther.	42° F.	Min.	38° F.
Max. Wet bulb Ther.	42° F.	Min.	38° F.
Max. force of wind	2	Min.	0

Hours of Liberty Given. Am. Noon. Punishments. Min.

Friday, January 22, 1875.

Harm. France. "Baie de l'Eau"

Cool, cloudy and misty. Light breeze from the N.E. and E.S.E. hauling to the N. & E. and E.S.E. during the middle of the day, and then hauling back to the N.E. and E. Ships draft forward 18 ft 7½ in. Aft 21 ft 5 in. Taking in ballast. The German steamer "Rhein" came out of the harbor, and hauled alongside the dock. At 9.30 inspected at Quarters. Received on board during the day from Gun of ballast making about 50 tons of 164 tons and 175 pounds. Received on board in the Equipment Department (in 5) bids for port side of galley. Received in Paymasters Department 60 dollars of Ensign Sam. G. Hurtt (R.) and left the ship while on shore returned at 4.45 P.M.

Bar.	Lw. in the day	29.93 in.	29.84 in.
Max. dry	bulb Thm.	58° F.	55° F.
Min.	" "	38° F.	33° F.
Max.	rate of wind.	3	1

Force of Winds. Sum. Sum.

Saturday January 23, 1858.

Harr, France. 'Cradle de l'Eau'.

Cloudy and misty. Light
breeze from the E and E.S.E. during
the first night & a part of
the 2nd. At 9 A.M. the French Mail Steamer
Lyon came in. At Noon Mr. Hunting &
Engineer returned from Paris. At 1.00 P.M.
the Summary Court Martial, composed of Lieut
Commdr Gillis and R. L. Stockton U.S.N. and Surgn
Grant, and Lieut J.R. Tyrrell U.S.M.C. as Recorder,
by order of the Captain, for the
trial of the R. McGrahan (Ord.) Court adjourned
at 2.50 P.M. At 3.40 sailed all hands to quar-
ters and read the sentence of Court Martial
the prisoner was found guilty of having
the ship without permission, and was
sentenced to 30 days solitary confinement on
bread and water in double irons, full al-
lowance every sixth day. The sentence was ap-
proved by the Captain but after modified
that should the ships sail upon the ex-
piration he should be released from con-
finement, and return to duty

Barom. Corr. for the day	30.00	Mean	29.76
Thermo. dry bulb Fah.	38°	Mean	36
Thermo wet bulb Fah	38°	Mean	36
Weather & Winds	4	Mean	1

Force & Direction Clear. Mean Course. Distance.

Lieut. Under the Command of Captain A.C. Berry, R.N.

Sunday, November 24, 1811

Winds. Strong Breezes & Clear.
Squalls, misty, and dripping rain
Moderate except from the S.E. and E.S.E. Pt
and P.M. John Stevenson (Seaman) left the
ship with Eight days Leave. At 8.30 AM Anchored at Deptford, and found Mathew Nicholas
absent without Leave. By order of the Captain
Mr Edward Hyslop (Mid.) one mark of
extra duty and the mate quarter-
deck & Gangway & Spitkit, and reporting to the
Lieut. of the Guard. By order of the Captain
Corporal James Nunn (R.M.) in Irons
for Firing Guns and drumsticks.

Max. Bar for the day 29.73 Min. 29.48
Prev. day Last Bar. 54 Zen. 36
Max. Att Last Bar. 53 Zen. 36
Prev. rec'd since 4 Zen. 2
Forms of Clouds - Cirrus. Cum. Cumulus encum

Journal of Events on H. M. S. Swiftsure Hospital Constitution. 3rd Rate,

Monday, November 25, 1878.

Harm, James. Passed de l'Eau
Overcast and rainy. Wind
light — fresh from the S.E. and
E.S.E. Received on board
provisions for 1 day. At 9.30 am. moor-
ed ship as before. Hutton Thomas Gun.
was brought up by the Police and a fine
of six pence paid. Received on board
stores from the Equip. and Gun. Depart-
ments. Crew at work rigging & running
gear. By order of the Captain mustered
Journal Hours (G.) from compliment
Max. Bar. in the day 29.44 in Min. 29.33 in
Max. dry bulb thm. 54° F. Min. 50° F.
Max. wet bulb thm. 54° F. Min. 50° F.
Max. force of wind 4 Min. 1
Force of wind this afternoon.

Tuesday, November 26, 1878.

Harm, James. Pointe de l'Eau.
Overcast, misty, and raining
Min. Calms and light S.E. & E.S.E. airs
mod. Hove in rode cable stopper and
moored ship. Returned to in
yard and sent from on deck to make
some alterations. Ensign C.M. Medlow
returned from leave. At 9.30 am. mus-
tered at Quarters. Received on board
4½ tons of coal in the Equipment Dept.
Returned main yard Compass Mar-

From noon the command of Captain A.C. Badger, U.S.N.

Several barometers with A. Casella's standard
mercurial barometer on board, and
the correction is to be .02 in. additive.

Max. bar. on the day 29.42 Min. 29.34 in.
Max. dry bulb ther. 53°F. Min. 49° F.
Max. wet bulb ther 53°F. Min. 49° F.
Max. force of wind 2 Min. 0
Form of clouds Nimbus, Cumul., &c.

Wednesday January 27, 870.
Hours. Course. Courses & Dist.
Observations. Calms and light variable winds. Fine & pleasant
weather. Part of the day. Part of the day. Latter part.
Variable in sailing trench. Crew at morn
Morning of Morning Quar. Sections on board
in the Commander Eighteen Hands of them.
Max. bar. on the day 29.87 Max. 29.23 in.
Max. dry bulb ther 56° Max. 46° F.
Max. wet bulb ther 54° Max. 46° F.
Max. force of wind 2 Max. 0
Form of clouds Nimbus, Cirrus, Cumulus, &c.

Saturday, January 28, 1871.

Fair. Strong breeze at E.S.E.

Cloudy and misty, Squally and rainy with part of the day, Light variable airs with thick [illegible] part of the day. Received 100 pounds fresh Beef. At 9.30 A.M. inspected at Quarters. Cut up main stem cable, punched with attack cable. Coal and water from inside. By order of the Captain Admiralty (Genl.) the Ships Company in double rank to witness the execution of Lewis Marsh sentenced by General Court Martial at Bermuda, was piped from mess and expended Powder Charges. Rec'd from H. Anderson 9 Prisoners from Camp

Max. Bar. for the day 29.60 in. Min. 29.31 in.
Max. Dry Bulb Ther. 48°F. Min. 45°F.
Max. Wet Bulb Ther. 48°F. Min. 45°F.
Max. force of wind 5 Min. 1
Time of Observ. Ther. Meteorological Observ.

Sunday, January 29, 1871.

Fair. Strong breeze at E.S.E.

Overcast and rainy first part of the day, clear and pleasant latter part. Calm and moderate breeze from the 1st and 2nd Quarters in the Cutter in port quarter & towed it below. At 9.30 a.m. mustered at Quarters. Received on board in the Department of Construction 50 ft of pine timber timber. Received on board stores in Pay. Dept.

Under the command of Captain P.C. Badger, U.S.N.

Ensign S.L. Carlin, U.S.N. returned from leave.

Max. bar. for the day 29.95 in. Min. 29.62 in.
Max. dry bulb ther. 45° F. Min. 38° F.
Max. wet bulb ther. 45° F. Min. 38° F.
Max. force of wind 4 Min 0
Form of clouds nim. cum. circum. cir.

Saturday November 30, 1878.

Havre, France. "Bassin de l'Eure".

Cloudy and misty. Light breezes from the S^d and W^d, and S^d and E^a. Received on board fresh provisions for use of crew. Received on board in the Paymasters Department 1760 pounds of coffee. The U.S. Minister to France, the U.S. Consul General at Paris, the U.S. Consul at Havre, and the U.S. Commissioner General to the Paris Exposition came on board at 12.30 P.M. At 1.00 P.M. they, with the Captain, inspected the ships and crew at Quarters.

Max. bar. for the day 29.95 in. Min. 29.93 in.
Max. dry bulb ther. 43° F. Min. 41° F.
Max. wet bulb ther. 43° F. Min. 39° F.
Max. force of wind 4 Min. 0
Form of clouds cumrim. nim.

Respectfully submitted,
John H. Jordan,
Captain P.C. Badger, U.S.N., Cadet Midn.
Commanding U.S. Sailing Frigate Constitution,
Senior Officer Present.

Examined:

P C Badger
Captain Commanding.

Journal of a Voyage of the U.S. Steamer [illegible] 2nd Cutter,

Sunday, December , 1878.

From France. Bassin de Lorn.

Overcast and rainy. Light variable breezes from the S.W. hauling to S.S.E. and then N.E. towards the latter part of the day. At 10.00 A.M. Anchored at Lorn's and moored Division. Row of Cat and fish rafts and gate up manager. The French Mail Steamer "France" came in. Visited J. M. Carlin U.S.N. returned from same.

Time for on the day	24.42	Min.	24.54
Time for out the day	45	Min.	38
Time with tide this	45	Min.	38
Time for a wind	5	Min.	2

From & Clouds — Cum. Nim. Cirrum.

Monday, December 2, 1878.

From. France. Bassin de Lorn.

Weather generally pleasant Cloudy Showers. Calm and light breezes from the N.W. and E.S.E. Moored ship. At this time aground aft it was found necessary to have the Cutter on a Line to pull her off, Hauled up to the end of the Basin, and moored alongside the dock. Chas. E. Mallon (Ord. D.) was brought off in the gig and at a time & six named him as Pilot from Pauillac in Command for making a Port, and Richard Parker (Ord. Sea.) was brought down for Clerk duties, by order of the Captain.

Fine, cooler. Fr. remains of Captain [illegible] Bayne [illegible]

Max. Temp. on the day 67°4 Min. 29°0

Mean dry bulb Ther 42 Min. 31°

Mean wet bulb Ther 42 Min. 38

Force of wind 3 Min. 2

Force of clouds Cum. nim. cumst. cumulus.

Sunday December 3rd 1875.

Paris. France. "Palais de l'Elysee".

Mostly generally pleasant, occasional showers. Albert Lloyd (C.E.) arrived from the night John Carr (P.M.) returned on board ourselves. Chas. Gray (C.E.) was transferred on board the Calais, and a number of the former paid. Sent a number of sick men (Cabin Steward (C.E.) Samuel Turner (C.E.) and Brannan (P.M.) being charged with committing [illegible] was sent to the Hotel de Ville, in charge of Engine Tenders, on [illegible] Sat. Dispatches, on [illegible] Cargo, [illegible] Journal [illegible] Telegrams. Returned [illegible]

Max. Temp. in the day 60°4 Min 29°8

Mean dry bulb Ther 41 Min. 35°

Mean wet bulb Ther 41 Min. 35°

Force of wind 3 Min. 1

Force of clouds cirrus. Cum. Nim. Cir

Journal of a cruise of the H. B. sailing Frigate Constance, Jno. Pitt, Esq. Commander.

Thursday, Dec. 4th 1878.

Harbour, France. Basin de l'Eure.

Overcast and rainy. Light to moderate breezes from the S.E. to S.W. Employed painting and coaling ship. Received on board 200 gallons of Rum. Captain John Smith (Quartermaster) for attempting to desert from the ship and Joseph Carlisle (Ordinary Seaman) for being absent without leave. By order of the Captain aboard Thos. Whitehead (Purser) from duties ashore. Mustered at Quarters and found that B. Nutt and Robert Dirk (O.S.) were without leave. Received on board stores as per Manifest and Way Bills. Sent Guns from the shore to Gunner.

Max. Bar. for the day	30.14	Min.	30.08
Max. dry bulb Ther.	44	Min.	34
Max. Wet bulb Ther.	44	Min.	34
Max. force of wind	4	Min.	1

Force of Winds. Ltr. Gen. Squally. Mod. Gales. Cons.

Friday Dec. 5, 1878.

Harbour, France. Basin de l'Eure.

Cloudy weather, drizzling rain during the afternoon. Light Airs from N.E. to N.W. At 9.30 Punished at Quarters and found Eighteen men absent without leave. Sent a Guard of fifty Seamen ashore for the arrest of same from on Co[illegible]. The men brought on board by the Police and Guard and they were placed

Prisoners under the Command of Captain O.C. Pidgeon R.C.S.P.O. on board since to await trial by Court Martial. The other men with the exception of John O'Brien (Sgt.), Andrew Allen (O.S.) and Hector Elliot (O.S.) obtained on board our line. Received on board stores in the Equip. and Pay Depts.

Mean Bar. for the day	30.12	Mean.	29.99
Mean dry bulb Ther.	47	Mean	42
Mean wet bulb Ther.	47	Mean.	42
Mean force of wind	3	Mean.	/
Mean of clouds	Cumm.	Circum.	Cum. mm.

Friday Dec. 6, 1878.

Harbour, Francois. "Baie du Clam".

Clear and pleasant. Wind light and variable. Ran P.N.E. 5 M. Cst. 9.30 Am. Prisoners at Quarters and found Jas O'Brien (Sgt.), John Tait (B.M.) Elliot (O.S.) and Andrew Allen (O.S.) absent without leave. Received on board Stores in the Equip. and Pay Depts. Carpenters at work caulking gun-deck ports. John J. Patten (O.S.) and James Young (Cook) returned from leave.

Mean Bar. for the day	30.0	Mean.	29.92
Mean dry bulb Ther.	42	Mean.	39
Mean wet bulb Ther.	42	Mean.	38
Mean force of wind	6	Mean.	
Mean of clouds	Cum.	mm.	

bound for a point a few miles South of Cape Hatteras, had
Saturday Dec. 7, 1878.
Fresh, Fresh S.W. breeze & fine.
Smart run, squalls and
showers. Clear and light & moderate Variable
from all round & the compass. Run & hauled
At 9.30 Ass. Sunday at quarters and
read John O'Brien (Q.M.) John Dear (A.B.)
Andrew Neal (Ord. Seaman) Albert Wright (O.S.) & Thomas
E.V.S. E.D. Handin Frank Brown (O.S.) Jas
Conway (Ldo.) and Samuel Frank (R.S.)
absent without leave. Sam. R.N. allowed
to be absent on leave. At Luncheon Quarters
Mustered Carpenter & Chief Carter
Inspected by Lieut. L.D. Remy. Divine Service
read & Lieut J.B. Knox (R.S.M.C.) Con-
ducted by order of the Captain, by the
Chief & James Horton (1.M.) for duties.
John Neal (O.S.) was brought on deck
by police and a guard of five men
placed over him arrest.

Mean	Barometer	29.84	Min. 29.50
Mean	dry bulb	44	Min. 38
Mean	wet bulb	44	Min. 38
Mean		0	Min. 0

Force of clouds Nim. Cum. Cucum.

Sunday Dec 8, 1878

Fresh, Fresh S.W. breeze & fine
Smart. Clouds squally, occa-
sional showers & drizzle rain. Calm
and light & rain run from W.N.W. to N.E.
Pte Rose (Cpl.), Ed. Handin (Sea.) and Sandin

Sunday, Under the command of Captain J. C. Redfern, R.N. R.
Wound on Lewis mountain. At 10.00 am. anchored and unshipped at Evans and found Jack Brown left, about sixty in, Indians [illegible]
(A.V.), Mr Conway (Lon.) aged Dan. Female [illegible]
about without leave. John O'Brien left. Returned on board 24 hours overtime. Chaplain to the Ship Protection Exhibition at Lodo. found for 30 [illegible]

Mak. rm. for the day 29.50 Min. 29.30
Max. day Lude Ther. 39 Min 36
Max. wet Lude Ther. 38 Min. 36
Max. force of wind 4 Min. 0
Form of clouds. Cum. nim. cirrus.

Monday Dec. 9, 878.

Fram, Fraser. "Bassin de l'Eau"
Mattin cool and generally clear
but snow squalls. Calm and light variable
airs. Mr Conway (Lon.) returned on board
43 hours overtime. At 9.30 Am. anchored at
Evans and found Evans Wood Do. (about
sixty A.V.), Dan. Female (N.Z.) and Mr Fullgrum
(Lon.) absent without leave. Mr Fullgrum R.N.
was brought on board in the cutter and
sent of the ranch said. The Fraser Rich
returned came in. Chaplain for the Indian
Lake Command &c. from the date.

Max. day Lude Ther 39 Min. 30
Max wet Lude Ther 39 Min. 32
Max. rm for the day 29.67 Min. 29.50
Max force of wind 2 Min. 0
Form of clouds Cum. Nim. Cirrus

Sunday, Dec. 10, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and cloudy first part of the day, clear and cool latter part. Light breeze from the S.E. and E. and N.E. and E. At 9.30 a.m. mustered at quarters and found absent [illegible] (B.) [illegible] (A.) and [illegible] (M.R.S.) absent without leave. [illegible] (M.R.S.) was declared a deserter from the 7th inst. By order of the Captain [illegible] was brought to the mast and in presence of the officers of the deck, ship's corporal, [illegible] the guard and master at arms, the Executive Officer read the sentence of a summary Court Martial which found him guilty of desertion and sentenced him to thirty days confinement in double irons, and loss of three months pay. The finding of the Court was approved by the Captain but was modified to loss of one months pay and in case the vessel sailed before his term of confinement was up, he should be released. And that part of the sentence relating to loss of pay shall be approved by the Sec. of the Navy. Deposited [illegible] on the [illegible] [illegible] toward a [illegible].

Max. bar. for the day 29.77 Min. 29.67
Max. dry bulb ther. 30 Min. 23
Max. wet bulb ther. 30 Min. 23
Max. force of wind 2 Min. 1
Form of clouds cirrus. cum. nim.

Paris. Under the Commandership of Captain D.C. Chester, U.S.N.

Wednesday Dec. 11, 1878.

Paris, France. "Bassin de l'Eau".

Cold and foggy first part of the day, overcast and snowing latter part. Calm and light Easterly wind. At 7.30 A.M. mustered at Quarters and found Albert Smyth (O.S.) Absent Quarters Adam Adee (O.S.) and Robt. Eaton (O.S.) absent without leave. Received on board Stores in charge Dft. Alex Callington (Sea.) returned on board, having been sent down from Paris, where he was sent with a Gang loading cars with American Exhibits from the Exposition.

Max. bar. for the day	29.76	Min.	29.71
Max. dry bulb thm.	34	Min.	19
Max. wet bulb thm.	34	Min.	Frozen
Max. force of wind	1	Min.	0

Form of Clouds nim. circum. strat. cumu. cum. nim.

Thursday, December 12, 1878.

Paris, France. "Bassin de l'Eau".

Cloudy mathm, foggy and misty most of the day. Calm and light. Winds from S.W. to East. At 7.30 A.M. mustered at Quarters and found Albert Smyth (O.S.) Adams Adee (O.S.) and John H. Daly absent without leave. John H. Daly (O.S.) and Robt. Eaton (O.S.) returned on board from Paris. Joint. J.W. Cabell, U.S.N. left the ship on leave.

Max. bar. for the day	29.76	Min.	29.60
Max. dry bulb thm.	35	Min.	30
Max. wet bulb thm.	35	Min.	30
Max. force of wind	2	Min	0

Form of Clouds nim. circum. cum. str.

Journal of a cruise of the N. L. sailing Frigate Constitution, 3rd Rate, 2 Guns.

Friday, December 13, 1878.

Brest, France. "Bassin de l'Eau".

Clear and cold. Calm and light

Sundry exc.. At 7.30 AM. mustered at Quarters

muster. Albert Lewis (O.), Andrew Reid (O.) and

Chas. H. Bedinger (Mid.) absent without leave. By

order of the Captain Messrs. John Rogers (Mid.)

pass Examination. Doctor Chas. Lewis, U. S.

Navy, U.S.N. left the ship on leave. Received

on board stores in the Pay. Department. Mrs

Dr. Gallien (Pas) returned on board overtime. By

order of the Captain Jacob Hayes (Lds.) stood four

hours extra watch.

Prog. bar. for the day	29.61	Prin.	29.51
Prog. dry bulb ther.	29	Prin.	22
Prog. wet bulb ther.	29	Prin.	Frozen
Prog. force of wind	2	Prin.	0

Form of clouds Cum. cir. Strum.

Saturday, December 14, 1878.

Brest, France. "Bassin de l'Eau".

Frost and cloudy, snowing

most of the day. Light breeze from E.S.E. to

E.N.E. with fresh squalls latter part of the day.

At 7.30 AM. mustered at Quarters and found

Albert Lewis (O.) and Andrew Reid (O.) absent

without leave. Finished coaling ship. Mids

Draft forward 19 ft. 9½ in., aft 21 ft. 9 in. Received on

board in the Medical Department three months

stores. Applied for the cruise, official number,

John F. Smith as ordinary seaman. Robert

Knight (O.) was relieved at Quarters from

under the command of Captain J. L. Badger, R. N. R.

Dec. -, 1878. Sold at auction, on board, the effects of A. Fraser (M.R.S.), Alberto Smith (Cook), Paul Frank (Seaman) and Andrew Reid (A.B.), all deceased from the effects of the late.

Max. var. in the day 29.55 Min. 29.4

Max. dry bulb Ther. 33 Min. 26

Max. wet bulb Ther. 33 Min. frozen

Max force of wind 5 Min. 1

Form of clouds nim. circum. cir.

Sunday, December 15, 1878.

Ther., Fahr. "Baie de l'Est"

Sunday, cool, and cloudy, Variable

Fresh breeze from N.N.E. Veering to N.W. & N.W.

At 10 A.M. ran down and anchored at Cuckolds, and found the Donald aground without loss. Lumber [illegible] was delivered & down on Dec 6, 1878. At 1.30 P.M. the English vessel "Evangeline Belle" in drifting from eastern of us, fouled the port main rigging from starboard astern, carried the starboard gaff & the fig mast, carried away the fall on the main upper topsail. Chas. O'Donnell P.M. returned on board from (10) hours overtime.

Max. var. in the day 29.70 Min. 29.68.

Max. dry bulb Ther. 40 Min. 35

Max. wet bulb Ther. 40 Min. 33

Max. force of wind 5 Min. 2

Form of clouds. cum. nim. cir. circum.

Sunday, December 16, 1878.

Evreux, France. "Basin de l'Eure."

Overcast and cloudy, cool and squally, snowing and drizzling rain latter part of the day. Fresh nrly and squally from the 1st and 3rd first part of the day. Light variable airs latter part. At 9.30 a.m. mustered at Quarters and found Chas. E. Malloy (L.F.D.) and Francis Evans (L.F.C.) absent without leave. The French Pilot steamer "St Samuel" came in, and a record of 60 francs taken for the assistance of Chas. E. Malloy (L.F.D.). Hauled out from the wharf to allow the English steamer "Tara" to come in and discharge cargo. Secured alongside the "Tara". Francis Evans (L.F.C.) returned aboard overtime 9½ hours.

Bar.	29.60	Min.	29.38.
Max.	40	Min.	35
Max.	40	Min.	35
Max.	5	Min.	0

Form of clouds. Cum. Nim. Strat.

Monday, December 17, 1878.

Evreux, France. "Basin de l'Eure".

Overcast cloudy and drizzling rain first part of the day, clear and pleasant latter part. Calm and light airs from the N.E. and N. At 9.30 a.m. mustered at Quarters, and found Chas. E. Malloy (L.F.D.), and Chas. O'Neill (Sea.) absent without leave. Chas. E. Malloy returned on board and was

Under the Command of Captain J. C. Dacres, R. N. K.
placed under the Sentry's charge. By
order of the Captain.

Max. Ther. for the day	29.54	Min.	29.36
Max. Dry Bulb Ther.	40	Min.	37
Max. Wet Bulb Ther.	40	Min.	37
Max. force of wind	3	Min.	0

Forms of Clouds cum. nim. cirrum. cumst. cir.

Wednesday. Dec. 18, 1878.

Harbour, France. "Bassin de l'Eau"

Weather generally pleasant.
Light airs from the W.N.W. at the beginning of the day, veering to the S.E. and W.S.W., and increasing in force to a moderate gale at the close of the day. At 9.30 A.M. muster at Quarters and found Thos. O'Neill (Sea.) absent without permission. By order of the Captain corporal Chas. E. Mallay (J. D.) in double irons, for remaining out of the ship without permission. Received on board in the Pay. Depot. 6 doz. of candles. By order of the Captain discharged Chas. E. Mallon (J. D.) to Landsman at the request of Paymaster R. W. Allen. Chas. M. Thurin was rated Jack of the Dust in his place. By order of the Captain.

Max. Ther. for the day	29.54	Min.	29.31
Max. Dry Bulb Ther.	44	Min.	38
Max. Wet Bulb Ther.	44	Min.	38
Max. force of wind	7	Min.	1

Forms of Clouds cir. cum. nim. cirrum.

Journal of a cruise of the U. S. Sailing Frigate Constitution. 2nd Cut

Thursday Dec. 19, 1878.

Havre, France. "Bassin de l'Eure."

Overcast and rainy first-part of the day. Clear and pleasant latter part. Moderate and a light breeze from the N.E and N.N, and S.E and N.E. At 9.30 A.M. mustered at Quarters, and found Thos. O'Neill (Ord.) Absent without leave. At 1.30 P.M. hauled out to allow the "Nora" to get clear, and then hauled in and secured alongside the dock. Philip Le Blanche (Ord.) was found to be absent from the ship without permission, award a reward of 6D ounces for his apprehension.

Max. bar. for the day	29.48	Min.	29.26
Max. dry bulb ther.	44	Min.	38
Max. wet bulb ther.	44	Min.	38
Max. force of wind	7	Min.	1

Form of Clouds Nim. Cum. Cirrum.

Friday Dec. 20, 1878.

Havre, France. "Bassin de l'Eure."

Clear and pleasant, passing showers of snow and rain about 7.00 P.M. Calm and light variable airs. Thos. O'Neill (Ord.), and Philip Le Blanche (Ord.) were brought on board by the police, by order of the Captain a reward of 5C francs was paid for the apprehension of Philip Le Blanche (Ord.) and he was placed in double irons. At 7.30 A.M. mustered at Quarters

2 Emma, under the command of Captain O. C. Badger, U.S.N.

Max. bar for the day	29.58	Min.	29.43
Max. dry bulb thr.	39	Min.	33
Max. wet bulb thr.	39	Min.	33
Max. force of wind	2	Min.	0

Form of clouds cir. cumulus circum. nimb.

Saturday Dec. 21, 1878.

Havre, France. "Bassin de l'Eure".

Weather foggy and mild, Calm and light N.W. the wind, snow and wind squalls last hours of the day. At 9.30 am. mustered at Quarters and afterwards Exercised at Fire quarters. All ready in 1m. 45sec. Received on board stores in the Pay. and Medical Depts. and 6029 gallons of water in the Nav. Dept. Draft of ship forward 19ft 2in, aft 21ft 9in. At 2.00 P.M. a Summary Court Martial convened for the trial of (Phillip Le Blanc (Sea) At 3.30 P.M. the Court adjourned for the trial to await the action of the missing Cutter.

Max. bar. for the day	29.89	Min.	29.58
Max. dry bulb thr.	38	Min.	31
Max. wet bulb thr.	37	Min.	31
Max. force of wind	5	Min.	0

Form of clouds cum nim str. circum cumulus.

Journal of a cruise of the H. M. Sailing Frigate Constitution. 3rd Rate,

Sunday, Dec. 22, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and rainy first and latter part of the day, clear and pleasant during the middle of the day. Fresh breeze with heavy squalls from W.S.W. to N.W. At 9.30 a.m. had preliminary inspection of crew. At 10.30 a.m. the Captain inspected ships and crew. Called all hands to muster. A French transport came in.

Max. bar. for the day	29.88	Min.	29.80
Max. dry bulb ther.	43	Min.	38
Max. wet bulb ther.	42	Min.	37
Max. force of wind.	5	Min.	1

Forms of clouds Nim. cirrum. cir.cum.

Monday, Dec. 23, 1878.

Havre, France. "Bassin de l'Eure".

Mostly squally pleasant passing snow squalls. Calm and light N.W. to N. winds. Made preparations and commenced taking in cargo. At 9.30 a.m. inspected at Quarters by order of the Captain Marine Sentry Inst. A. P. McMahon (U.S.) from confinement. Phillip Le Blanc (Mca.) was brought to the mast and in the presence of the Officer of the Deck, Master-at-Arms and Corporal of the Guard the finding, and sentence of the Summary Court Martial by which he was tried, was read to him by the Executive Officer. The Court found him guilty, and sentenced him to three days confinement in double irons

Emma, under the Command of Captain O. C. Badger, U. S. Navy. and three months loss of pay. By order of the Captain the sentence was so far modified that the prisoner should be released when the ship sailed; and the loss of pay one month. The latter part of the sentence to be approved by the Hon. Sec. of the Navy.

Bar. var. for the day	30.05	Min.	29.83
Max. dry bulb Ther.	42	Min.	36
Max. Wet bulb Ther.	41	Min.	35
Max. force of wind	3	Min.	0

Form of clouds cirrus. cir. cum. nim. cumulus.

Thursday Dec. 24, 1878

Havre, France. "Bassin de l'Eure".

Clear and pleasant first part, overcast and cloudy latter part of the day. Calm and light S. E. the wind. Taking in cargo. Hoisted out two and a half tons of ballast. At 9.30 A.M. mustered at Quarters and found five men absent without leave. Sent a guard of 5 men ashore for the arrest of Augustus Reiber (O.S.). He was brought on board by the police, the guard paid, and he was placed in double irons by order of the Captain. Andrew Robinson (Ord.) was brought on board dead drunk.

Ships draft at 2 P.M. forward 19 ft. 7 in.

Bar. for the day	30.30	Min.	30.04
Max. dry bulb Ther.	33	Min.	28
Max. Wet bulb Ther.	33	Min.	freezing
Max. force of wind	3	Min.	0

Form of clouds cir. cirrum. cum. cirro nim.

Journal of a cruise of the U.S. Sloop Enterprise Constitution. 3rd Cutter.

Wednesday, Dec. 25, 1878.

Cann, France. Bassin de Cann.

Overcast, cloudy, and
cold. At 8 A.M. hove from the 1st and Ed
At 9.30 A.M. mustered at Quarters and
found six men absent without leave.
Sent Chief Master Gunner (P.) ashore in charge
of liberty party.

Bar. for the day	30.19	Min.	29.58
Max. dry bulb thm.	36	Min.	28
Max. Wet bulb thm.	34	Min.	Frozen
Max. force of wind	5	Min.	1

Force of clouds cum. nim.

Thursday, Dec. 26, 1878.

Cann, France. Bassin de Cann.

Dirty rain at commence-
ment of the day; then pleasant, fine over-
cast and cloudy. Calm, fresh breeze from
the S.W., then light airs from the S.S.E.
Taking in cargo. At 9.30 A.M. mustered at
Quarters and found six men absent with-
out leave. Sent a guard of 5 men ashore
for the arrest of Joseph Landis (O.S.). He re-
turned on board, and was placed under
Sentry's charge for safe keeping. By order
of the Captain. Lieut E.W. Eberle left
the ship on leave. Cadet Midn. P.G. Dodge
returned on board from Paris with
a working party of 10 men.

Paymaster R. W. Allen U.S.N. returned
on board from leave.

Eure, under the command of Captain O.C. Badger U.S.N.

Max. bar. for the day	29.57	Min.	29.46
Max. dry bulb thm.	49	Min.	37
Max. wet bulb thm.	49	Min.	36
Max. force of wind	4	Min.	0

Forms of clouds nim. cirrum. cir. cum.

Friday, Dec. 27, 1878.

Havre, France. "Bassin de l'Eure".

Overcast and drizzling rain. Light to moderate breeze from the S.E. and S. with many squalls. Painting in Cargo. At 9.30 a.m. mustered at Quarters and found Chas Carpenter (Ord.) absent without leave. John Williams (C. of T.) and Matthew Whalen (Ord.) were granted an Liberty by the Police and a fine of 50 francs, said. By order of the Captain Carpenter Jas. Lawler (Ord.) in double irons, and released Chas. E. Mallory (Ord.)

Max. bar. for the day	29.54	Min.	29.44
Max. dry bulb thm.	47	Min.	45
Max. wet bulb thm.	47	Min.	45
Max. force of wind	6	Min.	1

Forms of clouds cum. nim. cirrum.

Saturday, Dec. 28, 1878.

Harr, France. "Bassin de l'Eure".
Clear and pleasant. Light
S.W. to and S.E. by wind. At 7.55 Am.
"Jupiter" made signal "Int. 6144", And.
904. At 9.30 Am. mustered at Quarters
and found from men absent without
leave Chas. Carpenter (Sea) was brought
on board by the Police and a fine
of six francs paid for him. Taking
in cargo. Joint H. G. Blackler returned
from leave.

Max. bar. in the day	29.68	Min.	29.40
Max. dry bulb thm.	47	Min.	43
Max. wet bulb thm.	46	Min.	43
Max. force of wind	4	Min.	1

Form of Clouds cir. cum. cirrus. cumulus.

Sunday, Dec. 29, 1878.

Harr. France. "Bassin de l'Eure".
Overcast and rainy first
part of the day. Clear and pleasant latter
part. Wind fresh S. light from the S.E.
and W.S.W. At 10.00 Am mustered at
Quarters and found Jacob H. Baker (Sea.)
and Jacob Wills (Fm.) absent without
leave. They both returned onboard
Overhauled and mustered Liberty men.
7.30 P.M. mustered the crew and found
Lt. Com. absent without leave.
Joint E.W. Very returned from leave.

under the Command of Captain C. C. Badger, U.S.N.(C.)

Max. bar. in the day 29.58 Min. 29.39
Max. dry bulb ther. 49 Min. 46
Max. wet bulb ther. 49 Min. 44
Max. force of wind 5 Min. 1
Forms of clouds. nim. cirrus. cumulus. cir. cum.

Monday, Dec. 30, 878.

Harbor of France. "Bassin de l'Est".

Forecast and drizzling rain.
Read to ship's boys from the 1st and 3rd Regulations of the captain (Wm Rees (C.Y.), Matt Cauley (C.Y.) John H Daly (A.S.), Geo. Rodgers (A.S.), Chas A. McMahan (A.S.), Geo. Gilchrist (A.S.) and Wm Evans (A.S.) were cautioned in double irons for leaving ship without permission. And Theo Davis (A.S.) for abusive language to Quarter. Taking in Cargo. At 9.30 am. proceeded at Quarters and found Dan Lyons (A.S.) absent without leave. Captain Clerk J. A. Wilson left the ship on leave.

Max. bar. in the day 29.72 Min. 29.54
Max. dry bulb ther. 54 Min. 49
Max. wet bulb ther. 54 Min. 49
Max. force of wind 7 Min. 2
Forms of Clouds nim. cum

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Class

Tuesday, Dec. 31, 1878.

Havre, France. "Bassin de l'Eure."

Clear and pleasant. Fresh breeze from the W.S.W. and W. Dail. Loosed (P.S.) about without leave relieved on board 24 hours overtime. At 9.30 A.M. Moored ship at Quarters. During the afternoon it was discovered that John Neal (R.M.) had left the ship without permission. By order of the Captain sent a guard of 50 francs ashore for his arrest. Taking in cargo. Ensign G. L. Cortes returned from leave

Max. bar for the day	29.80	Min.	29.68
Max. dry bulb thm.	54	Min.	50
Max. wet bulb thm.	53	Min.	50
Max. force of wind	7	Min.	3

Fresh & Clear Throughout Circumstances.

Respectfully submitted.
John H. Jordan
Cadet Midn.

Captain O. C. Badger, U.S.N.
Comdg. U.S.S. Constitution.
Senior Officer Present.

Examined,
Captain Commanding,
2d Senior Officer Present.

Guard, under the command of Captain O. C. Badger, U.S.N.

Wednesday January 1, 1879.

Havre, France. "Bassin de l'Eure".

Clear and pleasant first part of the day, overcast and rainy latter part. Wind light to fresh from the E^a and E^a and S^a and W^d with heavy squalls. At 9.30 A.M. mustered at Quarters and found John Neal (B.M.) absent without leave. Edward Fry, Lieut. U.S.N. left the ship on leave.

Max bar for the day	29.94	Min.	29.45
Max dry bulb thm	53	Min.	49
Max wet bulb thm	53	Min.	49
Max force of wind	7	Min.	1

Norm of clouds cirrum cum.nim.

Thursday, January 2, 1879.

Havre, France. "Bassin de l'Eure".

Overcast, rainy, and misty. Wind variable in direction and in force from a calm to heavy squalls. Painting in cargo. At 9.30 A.M. mustered at Quarters and found John Neal (B.M.) and Thos. F. Grady (Cox.) absent without leave. The latter was brought on board by the police and a fine of six francs paid. At 10.00 A.M. "Supply" made signal Int. 4915. Trus. 904. The "Supply" went to sea at 5.30 P.M. Lieut. Carlin U.S.N. returned from leave.

Max. bar. for the day	30.13	Min.	29.40
Max. dry bulb thm.	51	Min.	40
Max. wet bulb thm.	51	Min.	38
Max. force of wind	6	Min.	0

Norm of clouds nim.cum. cirrum. cirst. cumst.

Journal of a cruise of the H.B.M. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Friday, January 3rd, 1879.

Havre, France. "Bassin de l'Eure"

Overcast and rainy. Wind light & fresh from S. to W.N.W. At 9.30 am mustered at Quarters and found John Neal (B.M.) absent without leave. By order of the Captain released Thos. Norris (P.S.) and Aug. Reiber (P.S.) from confinement. J.A. Wilson Captains Clerk returned from leave. Receiving Cargo on board. Received stores on board in the Pay. Department. Shipped for the cruise Stephen Dolores, and Candido del Rosario as ordinary seamen.

Max. bar for the day	29.96	Min.	29.51
Max. dry bulb thm.	52	Min.	41
Max. wet bulb thm.	52	Min.	41
Max. force of wind	6	Min.	1

Form of clouds. Nim.

Saturday, January 4, 1879.

Havre, France. "Bassin de l'Eure".

Overcast and rainy first part of the day, clear and pleasant latter part. Calm, and moderate breeze from E. to W.N.W. Taking in Cargo. Received on board stores in the Pay. Dept and Coal in the Equipment Department. Painted ship. At 9.30 am. mustered at Quarters & found John Neal (B.M.) absent without leave. By order of the Captain released Joseph Lawless (P.S.) from confinement. 1st Lieut. J.B. Brooke, H.B.M.C. having

under the command of Captain D. C. Badger, U.S. Navy
permission to go home by obtaining leave
the ship.

Max. bar. for the day	30.04	Min.	29.56
Max. dry bulb thm.	46	Min.	40
Max. wet bulb thm.	46	Min.	38
Max. force of wind	5	Min.	0

Form of clouds cirrum. cum. nim. cir. cirst. cumulst.

Sunday, January 5, 1879.

Havre, France. "Bassin de l'Eure".

Clear and pleasant. Light variable breeze. At 9.30 a.m. received at Quarters John Neal (Bsn) absent without leave. At 10.00 a.m. called all hands to muster and the Captain read the Articles for the Better Government of the Navy. The French Mail Steamer "France" came in. Asst Surgeon Derr left the ship under orders to go to Paris and superintend the transportation on board of John Conroy (dec.), who was hurt there while in discharge of his duty in connection with loading the goods of American Exhibitors at the Exposition.

Max. bar. for the day	30.13	Min.	30.05
Max. dry bulb thm.	43	Min.	35
Max. wet bulb thm.	42	Min.	35
Max force of wind	2	Min.	1

Form of clouds. cirrum. cum. nim. cumulst. cirst.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Monday January 6, 1879.

Havre, France. "Bassin de l'Eure"

Clear and pleasant first part of the day, cloudy latter part. Calm and light S.E. breeze. Taking in cargo. At 9.30 AM mustered at Quarters and found John Neal (B.M.) and John Gabel (Lda.) absent without leave. John Hutchins (S.M.M.) reported his term of enlistment as having expired. Received in Navigators Department. Marked the coasting and hand lead lines.

Bar.	bar. for the day	30.20	Min.	30.10
Max.	dry bulb thm.	37	Min.	32
Max.	wet bulb thm.	37	Min.	32
Max.	force of wind	1	Min.	0
Form of clouds		circum.	cirrostr.	cum.

Tuesday, January 7, 1879.

Havre, France. "Basin de l'Eure".

Overcast and cloudy, blowing latter part of the day. Light breeze from the S.E. and E.S.E. increasing to a moderate gale latter part of the day. Loading cargo. At 9.30 AM. mustered at Quarters and found John Neal absent without leave. Shipped for the cruise John Erwin as ordinary seaman. Henry Collins (Lda.) who deserted from this ship in May last was brought on board by the police, and a reward of 50 francs paid for his arrest. By order of the Captain confined him in double irons for safe keeping. Asst. Surgeon Dorr reported on board from Paris

under the command of Captain A.C. Badger, U.S. Navy. Bringing with him John Curran (Sea.) and Wm Johnson (Sea.) who had been left as nurse. 1st Lieut. B.R. Russell and 2nd Lieut. W.L. Gailin U.S.M.C. reported on board with the Marine Guard under their command, from the Paris Exhibition.

Bar. for the day	30.16	Min.	29.56
Dry bulb Thm.	36	Min.	32
Wet bulb Thm.	35	Min.	32
Force of wind	7	Min:	1

Form of clouds. cirst. cir. cum. nim.

Wednesday, January 8, 1879.

Havre, France. "Bassin de l'Eure."

Overcast and cold first part of the day. Clear and cold latter part, Moderate gale from the S^a and E^a decreasing in force towards night. Loading cargo. At 8:40 AM. hauled down S.O.P. and hoisted coach whip at the main. At 9.30 A.M. mustered at Quarters and found John Neal Bm. absent without leave. The Captain accepted the resignation of his clerk J.A. Wilson from this date. Received stores in the Pay. Dept.

Bar. for the day	29.58	Min.	29.25
Dry bulb Thm.	32	Min.	26
Wet bulb Thm.	32	Min.	24
Force of wind	7	Min.	4

Form of clouds nim. cum. cirrum.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Thursday, Jan., 9, 1879.

Havre, France. "Bassin de l'Eure."

Clear and cool. Light to moderate breeze from the 1st and 2nd & 3rd and 4th. At 9.30 A.M. mustered at Quarters and found John Neal B.M. absent without leave. Loading cargo. By order of the Captain released Wm Reed (C.P.) Robt Carden (C.P.), John A Haley (A.S.), Edw. Rogers (A.S.) Geo. Gilchrist (A.S.), Thos. McMahan (C.P.) and James Horton (C.P.). The sentence of the last having expired.

Max. Bar. for the day	29.88	Min.	29.62
Max. dry bulb ther.	30	Min.	
Max. wet bulb ther.	24	Min.	
Max. force of wind	5	Min.	1

Form of clouds circum. cir. cum.

Friday, January 10, 1879

Havre, France. "Bassin de l'Eure".

Weather generally pleasant and cool. Moderate breeze from the 3rd and 4th. At 9.30 A.M. mustered at Quarters and found John Neal (B.M.) absent without leave. He was declared a deserter from Jan 1st, and Chas Collins (Sea) was rated B.M. from that date by order of the Captain. Loading cargo. Shipped Chas. Williams (Sea) for three years general service. Bent foresail, fore main and mizzen topsails, topgallantsails and royals. Sold the Effects of John Neal who had been declared a deserter.

Max. Bar. for the day	29.70	Min.	29.44
Max. dry bulb ther.	26	Min.	
Max. wet bulb ther.	22	Min.	
Max force of wind	4	Min.	1

Clouds
circum. cum.
nim cir.

under the command of Captain O. C. Badger, U. S. Navy.

Saturday Jan. 11, 1879.

Toulon, France. "Bassin de l'Eau."

Cold and cloudy, with light snow during the first part of the day, overcast, cloudy, but pleasant during the latter part of the day. Received on board in the Paymasters Department fresh provisions for the use of the crew. Secured boats for sea and rigged out jibboom. At 9.30 a.m. mustered at Quarters, and found Alex. J. Turner (Ord.) absent without leave. Draft of ship forward 20 feet 6½ inches, aft 22 feet 3 inches. Received on board 215 gallons of fresh water. Bent mainsail. Hoisted in dinghy.

Max. bar. for the day	29.68	Min.	29.36
Max. dry bulb ther.	27	Min.	17
Max. wet bulb ther.	23	Min.	
Max. force of wind	3	Min.	0

Form of clouds, circum. cum. nim.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns

Sunday, January 12, 1879.

Havre, France. "Bassin de l'Eure."

Overcast and cloudy first part of the day, clear and pleasant latter part. Calm and light N.W. ly and S.W. ly wind. Sent up topgallant yards. Alex. J. Turner (Sea) returned on board 2.30 1/2 hours over time. At 9.30 a.m. mustered at Quarters. Let up the head gear and sent up and fore topmast staysail. By order of the Captain placed Jefferson Erickson (B.M.) under sentry's charge for being under the influence of liquor, and accused of smuggling liquor on board. Placed Thos. A McMahan (O.S.) in double irons to await trial by Court Martial for having been detected outside the ship, and upon being brought on board acting in a very boisterous manner.

Max. bar. for the day	30.25	Min.	29.70
Max. dry bulb thm.	38	Min.	28
Max. wet bulb thm.	36	Min.	28
Max. force of wind	2	Min.	0

Form of clouds cum. nim. circum. cir.

Monday, January 13, 1879.

Havre France. "Bassin Pour l'Eure."

Overcast rainy and misty, Calm and light to moderate S.W. ly wind. Jas. Law (O.S.) and Chas. Gray C.S. having left the ship without permission were confined the latter in single irons, and the former being discovered in double irons, by order of the Capt.

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under the command of Captain O.C. Badger, U.S. Navy.
At 9.30 A.M. mustered at Quarters. By order of the Captain confined Jefferson Erickson (P.M.) in double irons. 2nd Lieut. W.F. Zilin, U.S.M.C. left the ship having permission to go home by steamer. By order of the Captain confined Carl Nilsen (A.S.) in single irons for attempting to leave the ship without permission.

Max. bar. for the day	30.23	Min.	30.17
Max. dry bulb thm.	43	Min.	34
Max. wet bulb thm.	42	Min.	33
Max. force of wind	4	Min.	0

Form of clouds Cirro. Cumulo. Cum.

Tuesday, January 14, 1879.

Harbor France. "Bassin de l'Eure".

Overcast and raining. Calm and light breezes from the S^d and E^d, hauling to the E^d and N^d and increasing in force. At 9.30 A.M. mustered at Quarters and found Henry Davis (Col^d) absent without permission. He returned on board 5½ hours over-time. A Summary Court Martial convened, by order of the Captain, for the trial of Jas. Lawlis (O.S.) and Jeff. Erickson (P.M.). The Court adjourned at 4.25 P.M. to await the action of the reviewing power.

Max. bar. for the day	30.21	Min.	29.75
Max. dry bulb thm.	46	Min.	38
Max. wet bulb thm.	46	Min.	38
Max. force of wind	5	Min.	0

Forms of clouds. Nim. Cum.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Wednesday January 15, 1879.

Havre, France. "Bassin de l'Eure."

Overcast and rainy first part of the day, Clear and pleasant latter part. Stiff breeze from the S.E and W.S.W increasing in force to a gale at the close of the day. At 9.45 mustered at Quarters. At 10.30 cast off from the quais and was towed down to the end of the basin, by a tug, and made fast to the buoys. Let go the port anchor and veered to 15 fathoms on port chain. John Bates (Sea. E.T.) reported his term of enlistment as having Expired but he was detained on board, by order of the Captain.

Bar. for the day	29.98	Min.	29.72
Max. dry bulb thm.	47	Min.	39
Max. wet bulb thm.	46	Min.	39
Max. force of wind	6	Min.	0

Form of clouds Nim. Cir. Cum. Cumstr.

Thursday, January 16, 1879.

Havre, and English Channel.

Overcast and drizzling rain. Light S.W. ly wind at the commencement of the day, hauling to the S.E and E.S.E and then to E.N.E. and E. and increasing in force to a stiff breeze. At 9.30 A.M. mustered at Quarters. John C. Bowring (Sea) reported his term of Enlistment as having Expired, but he was detained on board by order of the Captain. Hove up port anchor and let go starboard one during the for-

under the command of Captain O.C. Badger, U.S. Navy. Noon watch. At 2.30 P.M. Called "all hands up anchor", hove up starboard anchor, gave a line to the tug "Neptune" and stood out the harbor under charge of a Havn pilot. At 3.30 P.M. cast off the tug, sets fore topmast staysail, single reefed topsails, forecourse and fore main topgallant sails, and stood down the English Channel, the Channel pilot directing the course. At 3.45 P.M. the Havn pilot left the ship. The American Barque Martha McNeil made her No. as we passed. At 4.26 P.M. took departure from buoy No 5, it bearing S. by E. distant two miles. By order of the Captain released from confinement Chas. Gray (C.T.), Thos. A. McMahan (O.S.), Henry Collins (Dft) Carl Nielsen (O.S.) and Phillip Le Blanc (Dft). Released Andrew Parker from single irons, and placed him under sentry's charge. Lost 80 fathoms of logline and a log chip. Lighted several lights during the first watch. At 10.00 P.M. changed course from N. N.W. to N.W. by N.

Max. bar. for the day	30.04	Min.	29.70
Max. dry bulb ther.	42	Min.	34
Max. wet bulb ther.	42	Min.	34
Max. force of wind	6	Min.	1

Form of Clouds Cir. Circum. Cum. Nim. Cumstr.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Friday, Jan. 17, 1879.

English Channel.

Clear and pleasant, happy
around the horizon, ship steering N.W. by N.
under all plain sail to t'gallantsails
with the wind E.N.E. About 2.15 A.M.
suddenly discovered a cliff looming
up dead of the bows and appearing
from just forward the lee beam to
well on the weather bow. At the first
instant the cliff appeared the Officer of
the Deck called the Navigators attention
to it and almost immediately the
ripple of the waves on the beach was
heard. Put the helm hard down and
the main was given to "let fly the head
sheets". About a minute after the ship
struck gently and brought up on bottom
having come to about three quarters of
a point under the helm. Braced every-
thing flat aback, and set Mizzen t'g-
gallantsail. The ship settled down
under the influence of back sail and
the current, about twenty feet going
over from the head which was thrown
over when the sails were braced aback
Hauled the mainsail partly up to get
a purchase on the yard-arm.

Got out the 1st cutter and launch
and hoisted out the stream anch
and heaviest kedge. Bent a 9 inch
hawser to the former and carried

under the command of Captain A.C. Badger, U.S. Navy. to the latter, and carried them out astern. The Navigator went out in a boat and sounded around the ship, and found 3 fathoms of water forward, 3 1/4 between the fore and main, 3 1/2 between the main and mizzen, and 4 fathoms aft. The speed of the ship was about six knots when she struck. The Captain, Navigator, and Pilot were called at 2.00 a.m. Immediately after she struck guns and rockets were fired, and coston signals burned, which attracted the attention of the Coast Guard, who came alongside about 4.00 a.m. and informed the Captain that the land was Bollards Point. Lieut. Very was sent ashore to telegraph for tugs from Portsmouth and Portland. Engaged fifteen men from shore to assist in getting the ship off. Wind light to fresh hauling to the S.E. and E.S.E. Sent down topgallant yards and masts. At 9.30 a.m. called all hands to muster and the Captain addressed the Officers and Crew. Hoisted out steam launch. A tug came alongside and was despatched for lighters. At 11.30 a.m. three tugs the "Lightning", "Telegraph", and "Commodore" came off, One of them towing three lighters. Hoisted the stern anchor, two guns & carriages, a case of Exposition goods, Steam Launch's boiler, and payed

the stream chain into one of them, and the starboard bower anchor and fifty fathoms of chain into another.

At 12.45 P.M. the Government tug "Malta" came down from Portsmouth Navy Yard to assist in getting us off. Ran two hawsers out astern, and one from each bow to the tugs, and at 1.45 P.M. manned the hawsers to the stream and kedge astern, and the tugs started ahead, but failed to move us.

At 2.30 P.M. the tug Admiral came down and offered assistance, which was taken. The hawser from the starboard bow was shifted to the head of the mainmast and the Admiral taking the Malta in tow, at 3.00 the tugs all started ahead. At 3.25 the ship commenced to move and at 3.30 came off. Expended a stream and kedge anchor, as we were obliged to cut the hawsers when the ship came off. Left one bad line and portion of another, and two seven fathom hand leads. Left our two launches and pilot cutter to be towed up by one of the tugs. The Government tug "Malta" took us in tow for Portsmouth.

At 6.30 P.M. parted her tow-line and came alongside and took another. In bracing up main yard sprung the main royal mast which was

under the command of Captain A.C. Badger, U.S. Navy;
up and down the mast.

Max. bar for the day	30.18	Min. 30.07
Max. dry bulb thm	40	Min. 36
Max. wet bulb thm.	40	Min. 35
Max. force of wind	7	Min. 2

Form of clouds cum. nim. cucumu.

Saturday Jan. 18, 1879.

Portsmouth, England.

Overcast, cloudy, dingling rain or mist. Calm to Moderate gale from the S.E. & E.S.E. At 2.00 AM. came to with port anchor and Mother Bank near Spit Head in fifteen fathoms of water veering to seventy-five fathoms on port chain. An Officer from the Coast Guard Station at Ryde came off to the ship during the forenoon. The Portsmouth Dock Yard Tug came off with an Officer who informed the Captain that the 1st Cutter had been swamped while going towards us. At 11.30 AM the Cutter was brought off by the Coast Guard who found her in Stokes Bay. At 2.00 P.M. have up our anchor and was taken in tow by Dock Yard Tugs who towed us up to Portsmouth Harbor where we made fast to a buoy with harbor and starboard chain. Twenty two men reported their term of Enlistment as having expired but were detained on board by order of the Captain

Max. bar. for the day	30.10	Min. 29.86
Max. dry bulb thm.	45	Min. 36.
Max. wet bulb thm.	45	Min. 36
Max. force of wind	0	Min. 8

Forms of clouds cum. nim. cucumu.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate,

Sunday, Jan. 19, 1879.

Portsmouth, England.

Overcast and cloudy first part of the day. Clear and pleasant latter part. Light to fresh breezes from the Eastward. Received fresh provisions for use of crew. Visited the Lords of the Admiralty, the U.S. Commercial Agent, and the Admiral Commdg the station paid official visits to the ship. Ship swinging to the tide during the day

Max.	bar. for the day	30.28	Min.	30.13
Max.	dry bulb ther.	37	Min.	32
Max.	wet bulb ther.	35	Min.	32
Max.	force of wind	5	Min.	1
	Form of clouds	Cum. nim. circum. cirrus.		

Monday, Jan. 20, 1879.

Portsmouth, England.

Clear and pleasant first part of the day, overcast and cloudy latter part. Moderate breezes with fresh squalls from the S.W. and E.N.E. At 9.30 a.m. mustered at Quarters. Ships bottom was examined by divers. Rigged in jibboom. Several English Officers paid official visits to the ship. Twenty-four men reported their time of enlistment as having expired, but were retained on board, by order of the Capt.

Max	bar. for the day	30.26	Min.	29.91	Form of clouds
Max	dry bulb ther.	36	Min.	30	cum. nim. c
Max	wet bulb ther.	35	Min.	30	circum.
Max	force of wind	6	Min.	2	

Enns, under the command of C.E. Badger, U.S. Navy.

Monday, Jan. 21, 1879.

Portsmouth, England.

Weather generally cold, cloudy, and overcast. Light to fresh breezes from E.S.E. to E.N.E. with heavy squalls. At 8.00 am. two Navy Yard tugs came alongside, at 8.30 m slipped our moorings, and by 9.30 mm entered in dry-dock No. 11. The Commanding Officer of H.B.M. troop ships "Serapis", paid an official visit to the ship.

Mar. bar. for the day	29.91	Min.	29.79
Mar. dry bulb ther.	31	Min.	29
Mar. wet bulb ther.	31	Min.	28
Mar. force of wind	7	Min.	1

Form of clouds cum. nim. cirro.

Wednesday, Jan. 22, 1879.

Dry Dock, Portsmouth, England.

Weather cold and cloudy. Wind moderate to fresh from E.S.E. to E.N.E. Read the sentence of Summary Court Martial in the case of Jeff. Erickson (P.M.) and Jas. Lawless (S.). Both sentences were thirty days in double irons on bread and water, full rations every fifth day. Three months extra police duty, and three months loss of pay. The sentence was afterward by the Captain but modified so that the men should be released when we left this port and a loss of one months pay. Dock Yard workmen at work on false keel, capstan, tiller and figurehead.

				Clouds
Mar. bar. for the day	29.93	Min.	29.87	
Mar. dry bulb ther.	32	Min.	4	cum.
Mar. wet bulb ther.	27	Min.	3/4	nim.
Mar. force of wind	7	Min.	2	cirrum.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 2nd Rate 2 Guns.

Thursday Jan. 23, 1879.

Dry-Dock Portsmouth, England.

Cold and cloudy. Fresh breze from E.N.E. to East. Dock Yard workmen at work on ship. Robt Maudsff (&C.) reported his time of enlistment as having Expired. He was detained on board by order of the Captain. Received on board stores in the Navigation and Equipment Departments. At 9.30 am mustered at Quarters.

Mar. bar for the day	2992	Min.	29.88
Mar. dry bulb ther.	31	Min.	27
Mar. wet bulb ther.	30	Min.	freezing
Mar. force of wind	6	Min.	2

Force of Clouds cu cumin cirro cum nim

Friday Jan. 24, 1879.

Portsmouth, England, Dry Dock.

overcast, Cloudy, and squally. drawing down parts of the day. Fresh breze from the N.E and E. Received on board fresh provisions for crew. At 8.30 Hauled out of dry dock; at 1000 taken in tow by Government tugs, Lizard and Goliath and towed in the Stream, and made fast with chains from each bow. Received on board stores in the Construction Department and one (1) Stream anchor in the Equipment Dep't. Secured stream anchor in place, and sprung the topgallantmasts up and down. Double bitted both chains fastened & hung

under the command of Captain A.C. Badger, U.S. Navy.
At 9.30 a.m. mustered at Quarters, Henry Collins (Seaman) absent without leave.

Max. bar. for the day	29.94	Min.	29.89
Max. dry bulb ther.	32	Min.	30
Max. wet bulb ther.	32	Min.	29
Max. force of wind	5	Min	2
Form of clouds	cum.	nim.	

Saturday, Jan. 25, 1879.
Portsmouth, England.

Overcast, cloudy, and equally snowing part of the day. Calm to fresh breezes from the N.E. and E. Sent 5th cutter to tow off launches. Hoisted them in, and secured them for sea. Placed 1st cutter in place. Marked new boat. Rigged and gibboom. Received on board on the Construction Department fifty two casks to be used as water casks.

Max. bar. for the day	30.04	Min.	29.94
Max. dry bulb ther.	35	Min.	31
Max. wet bulb ther.	35	Min.	31
Max. force of wind	5	Min.	0
Form of clouds	cum.	nim.	

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Sunday, Jan. 26, 1829.

Portsmouth, England.

Overcast and cloudy, Light variable breeze. Ships swinging to tide. Rove off starboard cat and fish falls. At 10:00 am. mustered and inspected at Quarters, Chas. Shaw (c. M.) absent without leave. The lighter containing the anchors, chains, guns, etc, light at Dromgate, arrived in tow of the stg "Telegraph", and was secured alongside. At 1:15 PM. Jas. G. Carlisle (Os.) left the 5th cutter without permission, while lying alongside the wharf, and did not return.

Max. bar. for the day	30.32	Min.	30.02
Max. dry bulb ther.	40	Min.	33
Max. wet bulb ther.	40	Min.	33
Max. force of wind	3	Min.	0

Form of clouds cum. nim.

Monday, January 27, 1829.

Portsmouth, England.

Overcast and cloudy, drizzling rain first part of the day. Light Easterly wind with fresh squalls about noon. Received fresh provisions for crew. Philip Le Blonde (Sea) left the ship without permission during the night. Discharged the lighter alongside, paid the chains below, and secured shot anchor in place. At 930 AM mustered at Quarters and found twenty-two men absent without leave; Seventeen of them returned during the day or time. A fine of fifteen shillings was paid for James Munn (Os.) and charged to his acct

under the command of Captain C. C. Badger U. S. N.

Max. bar. for the day	30.37	Min.	30.22
Max. dry bulb ther.	38	Min.	35
Max. wet bulb ther.	38	Min.	34
Max. force of wind	5	Min.	1
Form of clouds.	nim		

Tuesday, January 29, 1878.

Portsmouth, England.

Overcast, cool, and cloudy. Begun light to fresh from N.N.E. to S.E. With the assistance of a Government tug, and English Officers swung ship and ascertained the local deviations of the Compass. Received on board stores in the Equipment Department. At 9.30 a.m. mustered at Quarters and found five men absent without leave. Two of them returned on board. Sent up topgallantmasts, bent jib and fore staysail. H.S.H. Prince Edward of Saxe Weimar, Lieut-Genl, H.B.M. Army, paid an Official visit to the ship. Watered ship, received on board 12944 gallons of water.

Max. bar. for the day	30.37	Min.	30.20
Max. dry bulb ther.	37	Min.	32
Max. wet bulb ther.	36	Min.	32
Max. force of wind	4	Min.	0
Form of clouds.	nim.		

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Wednesday, January 29, 1879.

Portsmouth, England.

Overcast, cool, and cloudy. Moderate breeze from N.E. to S.E. At 9.30 a.m. mustered at Quarters and found Chas. Gray (C.Y.), Chas F. Carlisle (Os.) and Phillip Le Blanche (Sea.) absent without leave. Marked log line. Two hand lead, a coasting, and deep sea line. Secured 2nd and 3rd cutters for sea. Shackled forward main tacks and sheets. At 1.15 p.m. crossed topgallant yards and bent the gear. Received on board articles in the Navigators and Equipment Department.

Max. bar for the day 30.24 Min. 30.20

Max. dry bulb thm. 36 Min. 32

Max. wet bulb thm. 36 Min. 32

Max. force of wind 4 Min. 1

Form of clouds. Nimb.

Thursday Jan. 30, 1879, P.M.

K	Watch	Ships Head	Force of wind	Direction of wind	Barometer	Dry bulb	Wet bulb	Dew point	Max. temp.	State of weather	Clouds	Amount of Rain
1		Low land of Malta out of Portsmouth	3	ENE	30.21	40	35	35	39	ocm.	nim	0
2	5 0	WSW	3	"	30.21	40	35	35	39	"	"	0
3	5 4	WxS	3	"	30.21	42	36	36	39	"	"	0
4	5 8	"	3	"	30.21	43	37	37	40	"	"	0
5	6 6	W¼N	3	NExE	30.22	42	35	35	44	"	"	0
6	6 6	"	3	"	30.23	43	36	36	45	"	"	0
7	5 0	"	3	"	30.23	43	36	36	45	cm	aircm	0
8	5 0	W	3	E	30.24	43	36	36	45	"	"	0
9	4 4	W¼N	3	"	30.21	43	36	36	45	ocm	nim	0
10	20 20	S"W	3	"	30.21	43	36	36	45	"	"	0
11	3 5	W¼N	3	"	30.21	43	37	37	45	"	"	0
12	4 3	"	3	"	30.21	43	37	37	45	"	"	0

under the Command of Captain C. C. Badger U. S. Navy.

Thursday Jan. 30, 1879.

Portsmouth England & English Channel.

Overcast, cloudy, and hazy

Moderate breeze from the N.W. & E. Hauled in dinghy and unshipped gangway laddins. At 9.30 a.m. mustered at Quarters and found Chas. Lyon (C.Y.), Phillip Le Blanc (Sea) and Jas. H. Carlisle (O.S.) absent without leave. At 9.25 a.m. H.M. Stg "Malta" came alongside and at 10.10 she cast off and took two lines from our port bow. At 9.56 a.m. called "All hands muster Ship" and at 10.20 cast off from the buoy and towed out to sea. At 10.50 cast the jib T.Y. Staysail and Spanker. At 11.20 made sail to topgallant sails. Draft of ship forward 20 ft. 5 inches, aft 22 ft. 1 inch. At 12.40 P.M. the "Malta" cast off, rounded to with the after yards square. The Pilot left the ship, filled away and shaped a course W.S.W. At 1.00 P.M. took departure from Dinnan Point bearing (by C.) N.N.W½W. distant two miles. Stood down the Channel getting occasional casts of the lead. At 2.45 P.M. lost sight of land. By order of the Captain Mustered from confinement Jafnean Erickson (P.M.), Jos. Landis (O.S.), and Harry Collins (Sea.) Rigged out flying jibboom, and rig royal yards, secured anchors for sea. Passed several sail standing up and down the Channel. At end of the day the ship was under T.Y. Staysail, foresail, topsails fore and main topgallant sail, and main royals. Standing down Channel.

Journal of a cruise of the Vessel Sailing Frigate Constitution 3rd Rate 2 Guns

1840	K	Knots	Slings of Head	Force of Wind	Direction	Lee	Bar	Att Thrm	Dry Bulb	Wet Bulb	Water Temp	State of	Clouds	Rain	Sea
1	2	6	W 1/4 W	3	E		30.18	44	39	38	44	oca	Nim	0	S
2	5	4	"	3	"		30.18	44	39	38	45	"	"	0	"
3	3	6	W	3	"		30.19	44	39	38	46	"	"	0	"
4	5	4	"	3	"		30.19	44	39	38	46	"	"	0	"
5	5	8 2	" W 3 W W x S	3	"		30.16	44	39	38	46	o.c.m.	"	0	"
6	4	7 8	W 3 W 1/4 W	3-4	S E		30.16	44	39	38	46	"	Nim Cum	0	"
7	4	8 4	W x S W	4	S S E		30.15	48	40	39		"	"	0	"
8	5	9 1	" W W W	3-4	"		30.13	47	40	39		"	"	0	"
9	3	6 0	" W W W 3/4 W	3	S E x E		30.13	45	43	43	48	"	Nim	0	"
10	6	6 4	" W x S -	3-4	S E		30.12	44	42	42	48	"	"	0	"
11	7	4 6	" W 1/4 S	3-4	S S E		30 10	44	42	42	47	"	"	0	"
12	5 2	2 5	W 1/2 " S W 3/4 S	4	S E x S		30.07	44	42	42	47	"	"	0	"
1	3	9 2	" W S W 3/4 W	4-5	S S E		30.03	43	42	43	48	"	"	0	"
2	5	5 1	W S W 1/2 W W 3 W 3/4 W	4-5	"	1/2	29.98	43	42	43	49	ocr	"	0	"
3	6	5 2	W 3 W 1/4 W W S W	4-5	"	1/2	29.95	44	43	44	49	"	"	0	"
4	10	3	"	4-6	S x E	1/2	29.94	44	44	45	50	"	"	0	"
5	8	4	W x S	5	"	1/2	29.96	47	45	46	49	"	"	0	"
6	2 3	0 0	W 1/2 S "	5-6	"	1/2	29.98	47	46	47	49	"	"	0	"
7	8	4	" W	5-7	"	1/2	29.87	50	47	48	49	oc	"	0	m
8	3 6	1 3	W 1/2 W	5-7	"	1/2	2986	50	47	48	49	ocd	"	0	"
9	9	0	"	6-8	S	3/4	29.84	5.	48	48	50	"	"	0	"
10	5	6	W	6-8	"	3/4		52	49	49	50	ocgd	"	0	"
11	4	6	W x S	7-9	"	3/4	29.76	53	50	50	51	"	"	0	"
12	5	8	W	6-8	S x W	3/4	29.74	54	51	51	51	"	"	0	"

Distance run by log since preceding noon 136.8 knots

Lat. by D.R. at noon N. 49° 29' 31"

Long by D.R. at Noon W. 4° 12' 20"

under the command of Captain O.C. Badger, U.S. Navy:

Friday, January 31, 1879.

Respectfully submitted,

John. R. Jordan,

Captain O.C. Badger, U.S.N. Cadet Midn.

Comdg. U.S.S. Constitution.

Journal of a Cruise of the U. S. Sailing Frigate Constitution, 3rd Rate,

	Knots	Course	Lee	Wind	Force	Baro	Att Therm	Dry Bulb	Wet Bulb	Sea Water	Weather	Clouds	Cloud Shd	Sea
1	4.7	West	3/4	S×W	5-6	29.73	53	51	51	51	aggd	Nim	0	R
2	3.8	"	3/4	"	4-6	29.70	53	51	51	51	"	"	0	"
3	4.2	"	3/4	"	5-6	29.70	53	52	52	51	"	"	0	"
4	4.2	"	3/4	"	5-6	29.68	53	52	52	51	"	"	0	"
5	3.2	"	3/4	"	56	29.67	53	52	52	51	beg d	Cum Nim	2	"
6	3.2	W×N	3/4	SSW	5	29.66	53	52	52	51	"	"	2	"
7	3.0	"	3/4	"	4-5	29.65	54	53	53	51	"	"	3	"
8	3.6	"	3/4	"	4	29.64	54	53	53	51	be	"	4	"
9	2.5	W ½ N	3/4	S×W	4-5	29.64	54	53	54	53	beg	"	6	m
10	2.3	Nam 20	3/4	"	5	29.60	54	52	52	53	"	"	5	"
11	4.1	WNW ½ W	3/4	SW×S	5	29.57	54	52	52	53	"	"	5	"
12	10.0	WNW	3/4	"	5-7	29.53	54	52	52	53	"	"	2	"
1	4.2	NW ¾ W	1	SW	5-7	29.49	52	51	51	53	aegd	Cum Nim	0	m
2	5.6	NW×N	1	S W×W	4-7	29.48	52	51	51	51	beg d	"	4	"
3	4.8	NNW ½ W	1	WSW	4-7	29.48	51	50	50	51	aeg	"	0	"
4	5.2	NNW ¾ W	1	"	6-7	29.50	52	50	50	51	"	"	0	"
5	5.4	NNW	1½	W×S	5-7	29.52	52	51	51	51	"	"	0	R
6	5.2	"	1½	"	5-7	29.52	52	51	51	50	beg	"	2	"
7	4.5	NW×N	1¾	"	4-7	29.52	52	51	51	51	beg r		2	L
8	4.2	"	1¾	"	4-5	29.52	52	51	51	51	beg	Cirrus Cum Nim	5	"
9	4.0	"	1½	WSW	4-6	29.53	52	51	51	51	"	"	2	"
10	4.0	"	1½	"	4-5	29.53	52	51	51	51	beg p	"	1	"
11	4.0	"	1½	"	4-6	29.53	52	51	50	51	aeg	Cum Nim	0	"
12	4.0	"	1½	"	6-6	29.53	52	51	51	51	"	"	0	"

Distance run by Log since preceding Noon 151.1 Knots

Lat. at Noon D.R. 48° 31′ 29″ N

Long. " " " " 7° 37′ 00″ W

Lat. " " Observation 48° 42′ 18″ N

Long. " " Arro. " 8° 39′ 30″ W

Current 0.9 Knots per hour, setting W×N

Sloop, under the command of Captain O'C Badger, U.S. Navy.

Saturday, February 1, 1879.

At Sea making passage from Portsmouth, Eng. to New York

Moderate, rainy, and squally most of the day, occasionally clearing up and then shutting in again. Having a stiff breeze from S.W. at the commencement of the day, hauling to the Westward as far as W.S.W. Heavy squalls. Rough sea first part of the day, moderating towards noon. Long regular sea at close of day. Ship rolling easily, but deeply at times. Steering full and by all day. At 9.30 a.m. hove to with the main-topsail to the mast and sent our pilot on board a Dutch barque bound in. Filled away at 11.20 a.m. A stowaway, Charles Haddon, a native of Bridgeport, Conn. was discovered, and by order of the Captain was taken up on the books for rations. At 12.00 mid. carrying fore topmast staysail, fore staysail, fore and main, and close reefed mizzen topsail; foresail and main trysail.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Hrs	Knots	Course	Leeway	Wind	Force	Barom.	Ther. Shade	Dry Bulb	Wet Bulb	Evaporation	Weather	Clouds	Hor. Vis.	Sea
1	4.7	NNW×N	3/4	NNW	6-7	29.50	53	51	51	51	bcqs	cumulus	4	R
2	3.8	NNW½W	3/4	"	7	29.50	52	51	51	51	"	"	6	"
3	4.2	"	3/4	"	4-6	29.47	52	51	51	51	"	"	6	"
4	4.2	"	3/4	"	4-7	29.43	52	52	52	51	"	"	6	"
5	3.2	"	2	"	3-6	29.42	51	51	51	51	bcqs	"	3	m
6	3.2	NNW	2	NNE	2-5	29.42	51	50	50	52	"	"	2	"
7	3.0	N×W½W	2	W	2-4	29.42	51	51	51	51	"	"	5	"
8	3.6	N	2	NNW	2-4	29.44	51	51	51	51	bcqs	"	4	"
9	2.0	SW¾S	1	"	2-3	29.46	52	50	50	50	bc	cir cumulus	6	"
10	1.5	SW½S	2	"	1-2	29.49	52	49	49	50	"	"	6	"
11	2.5	WSW	2	NW	1-2	29.50	52	49	49	50	"	"	6	"
12	2.0	"	1½	"	1-2	29.50	52	49	48	50	"	"	4	"
1	1.0	SW½W	2	NNW	1	29.50	52	49	48	50	bc	cumuli and circus	3	m
2	1.2	SW¼W	2	"	1	29.48	52	49	48	50	"	"	1	"
3	1.0	SW	2	"	1	29.46	53	49	48	50	"	"	1	"
4	1.2	SW×W	2	NW	1	29.45	52	49	48	50	"	cumuli	1	"
5	1.0	SW	2	"	1	29.45	53	49	49	51	"	circumuli	1	L
6	0.0	[illegible]		Calm	0	29.45	53	49	49	51	"	"	2	"
7	0.0	[illegible]		"	0	29.46	53	51	51	51	"	"	4	"
8	0.0	[illegible]		"	0	29.47	53	51	51	51	"	"	4	"
9	0.0	[illegible]		"	0	29.46	52	49	49	50	ocs	"	0	"
10	0.0	[illegible]		"	0	29.45	52	49	48	50	"	"	0	"
11	1.0	WNW	1	WNW	1	29.44	52	49	49	50	"	"	0	"
12	1.5	"		"	1-2	29.43	52	48	47	50	bcs	"	1	"

Distance run by Log since preceding Noon 86.8 Knots

Lat. by D. R. at Noon N. 49° 36′ 07″

Long. " " " " W. 9° 50′ 30″

Lat. by Obs., at Noon N. 49° 45′ 24″

Long. " Chronometer, " " W. 9° 50′ 38″

" " Altitudes, " " W. 9° 56′ 35″

Current 0.5 Knots per hour setting W.N.W.

under the command of Captain A.C. Badger, U.S. Navy

Sunday February 2, 1879.

At Sea, bound from Plymouth Eng. to New York.

Weather generally pleasant and cool. Days around the barque latter part of the day; passing showers of rain about 4.00 a.m. Stiff breeze from the N.E. with heavy squalls, first part of the day, hauling to the N. and dying away to a calm between 5.00 and 6.00 P.M., and coming out light from the N.N.E. at 11.00 P.M. Rangin the first part of the day, moderating to a long swell at 5.00 P.M. Steering full and by until 6.00 P.M. No strange way from then until 10.00 P.M. after that steering a course N.N.W. At 3.45 P.M. an Austrian barque showed her colors, and made signal S.C.H. answered with H.N.K. & G.J.R. A steamer on the weather beam, during the afternoon, bound into the channel. Exchanged colors with a German steamer. Exchanged colors with the French Mail Steamer "Amerique" that run down and passed under our stern. Took in the patent log at midnight and set it at 0, it then reading 55 3/4 knots. Laid on ship at Mid. topsails topgallant-sails, courses, jib, and fore topmaststaysail.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Hour	Knots	Course	Lee	Wind	Force	Bar.	Att. Thm	Dry Bulb	Wet Bulb	Water	Weather	Clouds	Sky	Sea
1	3.0	W.N.W.		NNE	2	29.44	51	48	47	50	bc	cum cirro	3	S
2	3.5	"		N×E	2	29.46	51	48	47	50	"	"	2	"
3	6.0	"		"	2-3	29.47	51	48	47	56	"	"	4	"
4	4.0	"		"	2-3	29.48	51	48	47	50	"	"	4	"
5	4.0	"		"	2-3	29.51	51	48	48	50	bc	"	2	"
6	5.4	WNW 3/4 W		NNE	2-3	29.52	51	49	48	50	"	"	0	"
7	6.5	"		N	3-4	29.55	51	49	48	51	"	"	0	"
8	8.4	W×N		NNW	4-5	29.58	52	49	49	52	"	"	0	"
9	2.5	W	3/4	N×W	4	29.62	52	50	49	52	"	"	0	"
10	6.5	W×S	1/2	"	4-5	29.65	52	50	49	52	"	"	0	"
11	8.4	W	1/2	"	4-5	29.65	52	50	49	53	"	cum nim	0	"
12	10.8	"	1/2	"	4-5	29.65	51	50	49	53	"	"	0	"
1	8.5	W	1/2	N×W	5-6	29.66	52	49	49	53	bc	circum cirro str cirro cum nim	4	S
2	9.0	"	1/2	"	5-6	29.70	52	50	49	53	"	"	4	"
3	9.5	"	1/2	"	5-7	29.74	52	50	49	53	"	circum cum nim	5	SW
4	10.0	W 1/2 S	1/2	"	5-7	29.74	51	50	49	53	"	"	5	"
5	9.0	W×S	1/2	"	5-8	29.76	52	50	49	52	bcgp	"	3	"
6	5.0	WSW	1/4	N	5-7	29.78	51	50	49	52	"	"	2	"
7	5.6	"	1/4	N×W	5-6	29.78	51	49	48	52	bcg	cirrum nim	4	"
8	4.5	"	1/4	NNW	3-5	29.81	51	49	48	52	"	"	4	"
9	5.2	"		"	4-6	29.83	51	48	48	52	"	cum circum	7	"
10	7.0	SW×W 1/2 W		"	4-5	29.86	51	49	48	52	"	"	6	"
11	6.6	"		"	4-5	29.89	51	49	48	52	"	cum cir circum	6	"
12	6.3	"		"	3-5	29.90	51	49	48	53	"	"	6	"

Distance run by Log 75.9 Knots

Lat. at Noon D.R. N. 49° 17′ 20″

Long " " " " W. 11° 33′ 35″

" " " Afternoon Ob. W. 12° 04′ 50″

Current 0.6 Knots setting W×N.

under the command of Captain A. C. Badger U.S. Navy

Monday, February 3, 1879.

At Sea, bound from Portsmouth Eng. to New York.
Cool and cloudy most of the
day clearing towards night. Passing showers
of rain about 6.20 P.M. Light breze from
the NE and E.S.E. increasing in force to a cliff
breze, and hauling to the SE towards night
Heavy squalls during the middle of the day.
Smooth sea until 8.00 P.M. after that mod-
erate. Steering a course. By order of the Captain
ratio the following mens from Feb. 1st 1879.
Alf Thomson from O.S. to Seaman, and Chris.
McWhorter from Lds. to O.S. Unrs sails re-
ported from deck not visible from the deck.
Sail as ship at Mid. Furls mizen top
and main topsails, Close reefed mizen
topsail, double reefed foresail, fore storm
staysail.

Journal of a cruise of the U.S. Sailing Sloop of War Constitution, 3rd Rate, 2 Guns,

Hour	Knots	Course	Leeway	Wind	Force	Bar	Dry Bulb	Wet Bulb	Water	Weather	Clouds	Amt Sky	Sea
1	6.0	SWxW½W		NNW	3-4	29.93	52	50	49	50	bc	cirrocum	4	S
2	6.2	"		"	3-4	29.93	52	50	49	52	"	"	4	"
3	6.4	"		"	3-4	29.94	52	50	49	52	"	cum Nim	2	C
4	6.0	"		"	3	29.94	52	50	49	52	"	"	2	"
5	4.2	"		"	2	29.97	52	50	49	52	"	"	3	"
6	4.0	"		"	2	29.98	52	50	49	52	"	"	3	"
7	2.2	"		NWxN	2-1	29.99	52	50	49	52	•	"	4	"
8	2.2	"		NW	1	29.99	52	50	49	53	"	"	5	"
9	1.0	WbW		Calm	0	30.01	53	51	52	53	acc	cum	0	S
10	1.6	NE		WbW	1	30.01	54	53	50	53	"	cum Nim	0	"
11	2.5	NW½W		SWxW	2-3	29.99	53	50	50	54	"	"	0	"
12	6.0	NWxW½W	½	SW	3-5	29.94	53	50	49	53	"	"	0	"
1	7.4	NWxW	½	SWxW	5	29.89	53	51	50	53	acq	cum Nim	0	S
2	7.4	"	½	"	5-7	29.84	53	53	53	53	"	"	0	"
3	3.4	NNW	1½	NxS	5-8	29.83	53	52	53	53	acrq	"	0	m
4	3.1	"	1¾	"	5-9	29.80	53	52	53	54	"	Nim	0	"
5	2.4	"	1½	"	6-9	29.77	54	52	52	54	"	•	0	"
6	2.0	NxN	1½	"	6-9	29.75	54	53	53	54	"	"	0	"
7	1.5	"	4	SxW	7-8	29.73	54	53	53	54	bcqr	"	0	"
8	1.5	NNW	4	SSW	7-9	29.72	54	54	53	54	"	"	0	"
9	2.0	NW	4	SW	6-4	29.71	56	54	55	54	"	"	0	"
10	2.0	NWxN	4	SWxW	4-3	29.72	56	54	55	54	acq	"	0	"
11	2.0	"	4	"	4-2	29.74	56	54	55	54	bc	Nim cirrocum	2	"
12	2.0	NNW	4	WbW	3-2	29.74	56	54	55	54	"	"	2	"

Distance run by Log . . . 133.9 Knots

Lat at noon D.R. . . . 47° 10' 45"

Long " " DR . . . 14° 11' 50"

Lat " " Obs. . . . 47° 27' 59"

Long " " Obs. forenoon . . . 14° 04' 15"

under the Command of Captain R.C. Radgers U.S.N.

Thursday, February 4, 1879.

At sea, bound from Portsmouth, Eng. to New York.

Cool and pleasant until 8.00 A.M., overcast, rainy, and squally after that. Madeira bears from the NNW. at beginning of the day dying away to a calm at 8.00 A.M., the wind then came out from the S.E. and E.S.E. and increased in force to a fresh gale at 4.00 P.M. dying away to a moderate breeze by 10.00 P.M. Steering a course first part of the day, full and by from 9.00 A.M. to 4.00 P.M. on the port tack, have to after that the close of day. Sea smooth until 8.00 P.M., moderate after that. Barometer commenced to fall at 10.00 A.M., and fell from 30.01 to 29.71 at 9.00 P.M., and rose to 29.74 at Mid. Diurnal variation noticed during the day. Sail as ship at Mid. Close reefed fore and main topsails, mizzen staysail storm mizzen and fore-storm staysail.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Hour	Knots	Course	Sea	Wind	Force	Bar	Att Therm	Dry Bulb	Wet Bulb	Water Surface	Weather	Clouds	Clear Sky	Sea
1	1.0	SW	3	NW	3-4	29.76	55°	53	53	54	be	cum circum	6	M
2	1.8	"	3	"	2-4	2975	55	53	53	53	"	"	3	"
3	4.0	"	2	"	2-5	2977	54	53	52	53	"	"	4	"
4	4.0	SW½S	2	"	3-5	2977	54	53	53	53	"	cir. circum	5	"
5	4.0	SW×S	1	WNW	3-5	2977	54	53	53	53	beg	"	7	"
6	4.6	SSW	1	W×N	3-5	2978	54	53	53	53	"	"	8	"
7	4.5	"	1	"	3-5	2982	55	53	53	54	"	Cum Str.	5	"
8	4.5	"	1	"	3-5	2984	55	53	53	54	"	cum circum	6	"
9	4.2	"	1	"	4-6	2984	54	53	54	54	beng	"	5	"
10	4.6	"	1	"	5-7	2987	56	54	54	53	"	"	4	"
11	4.2	"	1	"	5-7	2986	56	54	54	53	"	cir circum	5	"
12	3.5	"	1½	"	4-6	2985	56	54	54	53	"	"	3	"
1	3.2	SSW	2	W×N	4-6	2984	56	54	54	54	begn	circum	1	M
2	3.6	"	2	"	4-6	2982	55	54	54	54	begn	"	0	"
3	4.4	"	2	"	4-6	2982	55	54	54	54	"	Cum Nim	0	"
4	4.4	"	2	"	4-6	2982	56	54	54	54	"	"	0	"
5	4.2	S×W	1	West	4-6	2982	56	54	54	53	ocm	"	0	"
6	5.0	"	1	"	4-5	2982	57	54	54	54	"	"	0	"
7	4.6	"	1½	"	3-5	2983	57	54	54	55	"	circum	0	"
8	4.5	S×W½W	1½	"	3-5	2984	56	54	54	55	"	"	0	"
9	2.4	S½W	1½	W×S	4-6	2985	55	54	54	55	bcm	Cum "	2	"
10	3.5	NNW¼W	1½	"	4-5	2983	55	53	53	55	"	Cum circum	3	"
11	3.0	"	1½	"	3-4	2981	55	53	53	55	"	"	4	"
12	2.2	"	1½	"	2-3	2979	55	53	53	55	"	"	3	"

Distance run by Log 81.3 Knots.

Lat. at Noon D.R. N. 46° 58' 32"

Long " " D.R. W. 14° 30' 15"

Lat " " Obs. N. 47° 03' 32"

Long " " Obs. Forenoon W. 14° 39' 45"

Long " " Obs. Afternoon W. 14° 40' 30"

under the command of Captain A.C. Badger U.S.Navy.

Wednesday, February 5, 1879.

At Sea, bound from Portsmouth, Eng. to New York.

Pleasant weather all noon, light airs and variable. Overcast and cloudy after noon. Fresh breeze with stiff squalls from N.W. by W. to W. by S. Moderate sea from the S.E. and W.S.W. ship riding easily, giving occasional heavy lurches. Steering full and by all day. Barometer almost steady from 29.76 to 29.87. At 8.30 P.M. more sail & the S.E. and W.S.W. Set all sail at mid. Foresail, single reefed mainsail, double reefed topsails, jib, fore & aft staysail, mizzen staysail and storm mizzen.

Journal of a Cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Hour	Knots		Course	Lee	Wind	Force Bar	Air Ther	Dry Bulb	Wet Bulb	Water at Surface	Weather	Clouds	Black Stry	Sea
1	3	.0	N×W½W	1	W×S	3-5 29 76	55	53	52	54	bc	Cum Cirrostr.	3	L
2	2	8	NNW	1	"	3-4 2976	55	53	52	53	"	"	8	"
3	4	.0	N×E	½	W×N	4-5 2979	55	53	52	53	"	"	6	"
4	5	.0	N×W½W	½	W×S	4-5 2978	55	53	53	53	"	"	7	"
5	5	.5	NNW	½	"	4-5 2980	55	53	53	53	"	"	6	"
6	3	.0	N	½	W	4-5 2981	55	53	54	53	ocd	Cum Nim	0	"
7	4	.8	N×E	1	NNW	4-5 29 81	55	54	54	54	oc	"	0	"
8	3	.2	N×E½E	1	"	4 29 84	55	54	54	54	bc	Cum Nim Str	2	"
9	3	0	N	2	W×N	34 29 84	55	53	54	54	ocqsp	Cum Nim	0	"
10	4	.2	N×W	2	W	34 29 86	56	53	54	54	ocq	Cirrocum Cum Nim	0	"
11	4	.5	"	2	"	3-4 29 88	56	54	54	54	"	"	0	"
12	5	.2	NNW	2	W×S	5 29 86	56	54	54	55	"	Cum Nim	0	"
1	5	.0	NW¾W	1	SW	4-5 29 76	54	53	53	55	ocq	Nim	0	L
2	3	0	NW	2	"	4-5 29 72	55	53	53	54	"	"	0	"
3	3	.5	NW×W	2	"	4-6 29 68	54	53	53	54	"	"	8	"
4	4	.0	"	2	"	4-6 29 67	54	53	53	54	"	"	0	"
5	4	0	NW½W	3	SW×W	4-6 29 66	54	53	53	54	"	"	0	"
6	4	.0	"	3	"	4-6 29 61	55	54	53	54	"	"	0	"
7	2	.4	NW	3	"	5-7 2960	55	55	53	54	ocpmq	"	0	"
8	2	.0	"	3	"	5-7 29 56	55	55	53	54	"	"	0	"
9	3	.0	"	2	SW	5-6 2953	55	55	54	54	ocqmr	"	0	R
10	3	.5	NW×W	2	SW×W	4-7 2951	55	54	54	55	"	"	0	"
11	3	.5	NNW½W	2	WSW	4-7 2946	55	54	54	55	"	"	0	"
12	3	.5	NW×N	2	SW×W	4-7 2943	55	54	54	55	bcq	Cirrocum Str	5	"

Distance run by Log 93.1 Knots

Lat at Noon D.R. N. 47° 23' 20"

Long " " D.R. W. 14° 46' 25"

Lat " " Obs N. 47° 30' 55"

Long " " Obs Tomorrow W. 14° 48' 20"

under the command of Captain R.C. Badger, U.S.N.

Thursday, February 6, 1879.

At Sea, bound from Portsmouth, Eng. for New York

Clear and pleasant first part of the day, overcast, misty, rainy, and squally, latter part. Fresh breeze from W.N.W. to S.W. with heavy squalls. Long sea most of the day, rough during the latter part; ship laboring easily. Barometer rose from 29.76 to 29.85 at 11.00 a.m. and then fell to 29.43 at midnight. Stirring fall and lay all day on the port tack. During the mid watch made a sail two points on the lee bow, but could make out no lights, run off to clear her, and when we got her astern she showed her lights. Passed a bargue during the forenoon standing to the S.W. Sail on ship at midnight;- double reefed fore, main, and mizzen topsails, single reefed foresail, mizzen staysail, storm mizzen, and foretopmast-staysail.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns

Hour	Knots		Course	Sea	Wind	Force	Bar.	Att. Therm.	Dry Bulb	Wet Bulb	Mean of Temp.	Weather	Clouds	Clear Sky	Remarks
1	3.	0	NW½W	1	W×S	3-5	29 40	56	54	53	55	hazy	cirrus	5	R
2	2.	8	NNW	1	"	3-4	29 39	56	54	53	55	hazy	"	5	"
3	4.	0	N×E	½	W×N	4-5	29 39	56	54	53	55	"	Cum Nim	4	"
4	5.	0	N×W½W	½	W×S	4-5	29 39	56	54	53	55	"	cirrus Nim	6	"
5	6.	6	NNW	½	"	4-5	29 37	56	53	53	53	hazy	cum Nim	0	"
6	3.	0	N	½	W	4-5	29 36	56	51	52	53	hazy	cum cirrus	8	"
7	4.	8	N×E	1	WNW	4-5	29 36	54	52	51	53	hazy	"	6	"
8	3.	2	N×E½E	1	"	4-6	29 36	53	53	52	53	"	cum cirrus	6	"
9	3.	0	N	2	W×N	4	29 36	54	52	50	53	"	"	6	"
10	4.	2	N×W	2	W	3-4	29 38	54	52	49	53	"	Nim cirrus	6	"
11	4.	5	"	2	"	3-4	29 40	53	51	49	53	"	"	6	"
12	5.	2	NNW	2	W×S	4	29 40	53	52	50	53	"	"	6	"
1	5.	0	NW¾W	1	SW	4-5	29 40	53	52	51	53	hazy	cirrus cum Nim	5	R
2	3.	0	NW	2	"	4-6	29 40	54	52	51	53	"	"	6	"
3	3.	5	NW×W	2	"	4-6	29 42	53	52	51	53	hazy	"	1	"
4	4.	0	"	2	"	4-6	29 42	53	52	51	53	"	"	3	"
5	4.	0	NW½W	3	SW×W	5-7	29 42	53	52	51	53	"	"	6	"
6	4.	0	"	3	"	5-7	29 43	54	53	53	53	hazy	"	4	"
7	2.	4	NW	3	"	5-7	29 45	54	52	52	53	hazy	"	6	"
8	2.	0	"	3	"	5-6	29 46	53	52	52	53	"	"	6	"
9	3.	0	"	2	SW	4-7	29 49	53	52	52	53	"	cum cirrus	4	"
10	3.	5	NW×W	2	SW×W	4-7	29 50	54	52	52	53	"	"	4	"
11	3.	0	NNW½W	2	WSW	4-7	29 51	54	52	52	53	"	"	4	"
12	3.	5	NW×N	2	SW×W	4-7	29 49	54	52	52	53	hazy	"	3	"

Distance run by Log 66.0 Knots

Lat at noon DR N. 48° 19' 47"

Long " " DR W. 18° 34' 20"

Lat " " Obs N. 48° 23' 34"

Long " " Obs forenoon W. 15° 42' 00"

Long " " Obs afternoon W. 15° 36' 00"

Current 0.3 knots per hour setting N W × W

under the Command of Captain A.C. Badger U.S. Navy.

Friday, February 7, 1879.

At Sea, bound from Portsmouth, Eng. to New York.

Pleasant weather, occasional passing showers, and flashes of lightning. Moderate to fresh gale from W.S.W. to W.x N., increasing in force to a stiff breeze latter part of the day. Ship lying to all day on port tack. Rough sea ship rolling and pitching heavily but easily.

Time ran at 6.00 P.M. Barometer fell from 29.40 to 29.35 at 7.00 A.M. then rose to 29.51 at 11.00 P.M. falling again to 29.49 at mid. Sail on ship at midnight:- Close reefed fore and mizzen topsails, double reefed main topsail, single reefed foresail, fore-topmast-staysail, fore and main storm staysail, main trysail and storm mizzen.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Hours	Knots	Course	Leeway	Wind	Force	Bar.	Att. Therm.	Dry Bulb	Wet Bulb	Water Surface	Weather	Clouds	Clear Stars	Sea
1	2.6	NW 1/2 W	1 1/2	WNW	4-6	29.46	54	52	53	53	beq	cum cirrus	8	2
2	3.0	NNW	1 1/2	"	4-7	2946	54	53	53	53	"	"	5	"
3	2.0	"	1 1/2	"	4-6	2944	54	53	53	53	"	"	5	"
4	2.0	"	1 1/2	"	4-6	2943	54	54	54	53	"	cum nim	2	"
5	2.0	"	1 1/2	"	4-6	2942	53	51	52	53	oeqd	"	0	L
6	1.8	NxW 1/2 W	2	"	4-6	2939	53	50	51	53	oer	nim	0	"
7	1.0	NNW	2	"	2-4	2938	53	51	51	53	bem	cum nim	2	"
8	2.0	NNxW	4	SW	0-1	2938	54	53	53	53	oerr	"	0	"
9	2.5	NNxW 1/2 W	2	"	1-3	2937	56	53	53	53	oem	"	0	"
10	3.5	NxN	2	SSW	2-4	2934	55	53	54	53	"	"	0	"
11	3.8	WNW	2	SxW	3-4	2927	55	53	54	53	"	"	0	"
12	3.2	WxS	2	S	3-4	2919	55	53	54	53	"	"	0	"
1	3.2	WSW 1/2 W	2	SWbS	4	2910	54	53	54	54	oer	cum nim	0	L
2	3.2	NxS	2	"	4-5	2901	55	53	54	54	oeqr	"	0	"
3	2.5	W	3	SxW	5-7	2899	56	53	54	54	"	nim	0	"
4	1.8	NNW	4	SSW	5-4	2897	55	53	54	54	oeqr	"	0	"
5	0.6	NNxW 1/2 W	2	SW	3-4	2897	55	53	54	54	beqr	nim	2	"
6	0.6	SE	2	SW	3-4	2897	55	53	54	54	beqr	cirrus	2	"
7	1.0	SxE	2	WxS	3-4	2897	55	53	53	53	br	"	1	"
8	1.0	SSE	2	WSW	3-6	2897	55	53	53	53	beqr	"	8	"
9	1.0	"	2	"	3-6	2897	55	53	53	53	"	"	8	"
10	1.0	"	2 1/2	"	4-6	2897	56	54	53	53	beq	cum nim cirrus	7	M
11	1.0	"	2 1/2	"	4-6	2899	56	50	49	53	beqr	"	2	"
12	1.0	"	2 1/2	"	3-5	2900	56	50	50	53	beq	"	3	"
1	1.0	"	2 1/2	"	3-5	2899	56	52	52	54	"	"	7	"

Distance run by Log 51.7 Knots

Lat at noon D.R. N. 48° 59' 34"

Long " " D.R. W. 16° 02' 10"

under the Command of Captain R.C. Badger, U.S. Navy.

Saturday, February 8, 1879.

At Sea, bound from Portsmouth, Eng. to New York.

Pleasant first part of the day, overcast, raining at times, passing showers, and threatening latter part. Stiff breze from West first part of the day, dying out to a calm at 8.00 a.m. and then coming out from the S.E. and N.E. and increasing to a fresh breze; with stiff squalls Caught one first part of the day decreasing to moderate and latter part of the day. Stirring full and by on port tack until 4.30 p.m., after that hoisting to on Starboard tacks. Sail as ship at end of day;- fore and main storm staysails main trysail, and storm mizzen. Barometer falling from 29.46 at 1.00 a.m. to 28.99 at mid.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Hours	Knots	Course	Lee	Wind	Inches Rain	Att. Therm	Dry Bulb	Wet Bulb	Water Surface	Weather	Clouds	Clear Sky	Sea
1	0.5	South	6	WSW	3-6 29.98	52	53	59	54	beg	cum nim	4	M
2	0.5	S×E	6	"	3-4 29.95	53	51	50	54	be	"	7	"
3	0.5	"	6	"	4-6 28.91	53	57	51	54	bel	"	2	"
4	0.5	"	6	"	5-8 28.89	55	57	51	54	acgd	"	0	"
5	1.0	SE	5	SW	4-3 28.89	55	57	50	52	be	"	2	L
6	1.0	"	7	"	3-5 28.87	55	52	51	52	"	"	7	"
7	1.0	"	7	"	3-6 28.86	54	49	59	53	beg	"	5	"
8	1.0	"	7	"	1-5 28.86	56	50	50	53	beg	"	6	"
9	1.0	"	7	"	2-4 28.85	56	51	51	52	"	"	3	"
10	1.0	SE×S	7	SW×W	2-4 29.85	56	57	51	53	beg fs	"	3	"
11	1.0	SSE	7	WSW	4-6 29.84	56	57	51	53	"	"	4	"
11/2	1.0	"	7	"	46 28.85	56	57	51	53	beg	"	2	"
1	1.0	SSE	4	WSW	3-7 28.80	53	50	51	53	beg fshu	cumo nim	5	M.L.
2	1.0	SE×S	4	SW×W	3-5 28.83	54	50	51	53	begn	"	3	"
3	1.0	SSE	4	WSW	3-6 28.80	53	50	49	52	befsn	"	3	"
4	1.0	"	4	"	3-5 28.79	53	51	50	52	beg	"	4	"
5	1.0	S×E	4	W	4-6 28.79	54	50	50	52	"	"	3	"
6	1.0	SSE	4	WSW	3-5 28.79	53	50	49	52	begfs	"	3	"
7	1.0	"	6	SW×W	3-5 28.79	54	50	50	52	bel	"	7	L
8	1.0	SE×S	6	WSW	2-? 28.78	56	49	61	49	acgn	"	0	"
9	1.0	"	6	SW×W	5 28.73	56	51	51	49	be	"	2	"
10	1.0	"	6	"	2-4 28.78	56	52	51	49	"	"	6	"
11	1.0	"	6	"	1-3 28.72	56	52	51	49	"	"	7	"
12	1.0	"	6	"	4-7 28.70	56	52	51	49	begfs	"	4	"

Distance run by Log 28.9 Knots

Lat at noon D.R. N. 49° 03′ 05″

Long at noon D.R. W. 15° 36′ 00″

Lat at noon Obs. N. 49° 13′ 38″

Long at noon Obs. from noon W. 15° 52′ 45″

under the Command of Captain D. C. Badger U. S. Navy.

Sunday, February 9, 1829.

At Sea, bound from Portsmouth, Eng. to New York.

Pleasant weather, passing showers
ugly and threatening latter part of the day, with
occasional flashes of lightning on horizon.
Wind fresh & light from S.W. to W. with many
squalls. Long swell from the Eastward. Ships
lying to all day on starboard tack. Sent down
topgallant yards and made preparations for a gale.
Barometer fell from 28.98 at 1.00 a.m. to 28.70 at mid.
Remarkable instance of pleasant weather with
very low barometer. A barque in sight standing
to the Eastward. At 3.00 P.M. set close reefed
main topsail.

Journal of a Cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns

Hours	Knots	Course	Sea	Wind	Force	Barr	Att Therm	Dry Bulb	Wet Bulb	Fret Therm	Weather	Clouds	Clear Sky	Sea
1	1.0	SE×S	7	SW×W	5-8	2870	54	48	48	50	acgsp	cum nim	0	Lo
2	1.0	"	7	"	4-7	2870	56	48	48	50	bcgsp	"	1	"
3	1.0	SSE	7	WSW	4-7	2867	56	49	48	52	"	"	1	"
4	1.0	S×E	7	"	3-5	2866	56	49	48	52	bcgs	"	5	"
5	1.0	SSE	7	"	3-6	2866	54	49	49	52	"	a cum	6	"
6	1.0	SSE½S	7	SW×W	3-5	2865	54	51	50	52	"	cum nim	5	"
7	1.0	NE	7	SW	3-5	2863	54	51	51	52	"	"	6	"
8	1.0	W	7	SxE	3-5	2861	54	51	51	52	"	"	4	"
9	2.5	W×S	2	S	4-7	2858	54	50	50	52	acgdu	"	0	ML
10	3.0	SW×W	2	SxE	6-8	2852	50	48	48	52	"	"	0	"
11	4.0	"		"	3-7	2848	57	50	50	53	acg ru	"	0	"
12	2.0	W		SxW	2-5	2841	53	52	47	53	bcgru	"	1	"
1	1.5	NW×N	4	SW×W	2-5	2837	53	52	53	53	bcgr	cum nim	3	Lo
2	0.7	NNW	4	SW×S	2-5	2836	53	52	53	53	"	"	2	"
3	1.5	"	4	SxW	1-4	2836	54	51	53	53	bcgsp	"	2	"
4	1.6	SSE		"	1-4	2840	54	51	53	53	bcgr	"	2	"
5	0.0	no steerage way		Calm	0	2844	55	50	52	53	"	"	4	L
6	2.5	SW×W		N	1-4	2850	55	50	52	53	bcgsp	"	4	"
7	6.0	"		NxW	4-5	2860	55	50	52	53	acgsp	"	0	"
8	5.5	SW×W½W		"	4-6	2864	55	50	51	53	"	"	0	"
9	5.5	"		NNW	4-6	2872	56	50	50	53	bcgsp	"	0	"
10	4.0	"	2	"	4-6	2877	57	50	50	53	"	"	5	"
11	2.8	"	4	NW	4-6	2882	57	50	50	53	"	"	6	"
12	2.8	"	4	"	4-6	2883	57	50	50	53	"	"	7	"

Distance run by Log 31.5 Knots

Lat. at noon D.R. N. 49° 17′ 04″

Long. " " D.R. W. 15° 25′ 22″

Lat. " " Obs. N. 49° 09′ 25″

Long. " " Obs. forenoon W. 15° 15′ 05″

under the Command of Captain O. A. Badger, U. S. Navy.

Monday, Feb. 10, 1879.

At Sea. Bound from Portsmouth, Eng. to New York.

Weather generally pleasant with passing showers, ugly and threatening first part of the day. Fresh breezes from the S.E. and E.N.E. decreasing in force to a calm at 5.00 P.M. and then coming out from the N.E. and N.W. blowing fresh. Sang sea from the S.W. run irregular. Lying to on Starboard tack until 7.00 A.M. when made sail and stood full and by on Starboard tack until 1.30 P.M. when wore ship and stood on Port tack until 6.00 P.M., after that steering a course S.W.x.W. until 8.00 P.M. when changed to S.W.x.W.1/2 W. Barometer fell from 29.70 at 1.00 P.M. to 28.36 at 3.00 P.M. then rising to 28.83 at Mid. A sail in sight astern under easy canvas standing to the N.E. and W. Sail on ship at Mid.:- Double reefed main topsail, close reefed fore topsail, single reefed foresail, fore-topmast-staysail; fore storm staysail, and main trysail.

Journal of a Cruise of the U.S. sailing Frigate Constitution, 3rd Rate, 2 Guns.

Hours	Knots	Course	Wind	Force	Bar	Att Therm	Dry Bulb	Wet Bulb	Water Surface	Weather	Clouds	Obs Ship	Obs Sea
1	3.6	SW×W	N W	4-6	28.88	55	51	50	53	beq	cum rim	7	m
12	4.0	"	4	"	4-6	28.91	55	51	50	52	"	"	8	"
3	4.6	"	3	"	4-6	28.95	54	51	51	52	"	"	6	"
4	5.0	"	3	"	4-6	28.97	54	51	51	52	"	"	4	"
5	4.5	"	2	NNW	3-5	29.01	55	51	51	52	bc	"	5	2
6	5.6	"	2	NW×W	3-5	29.05	55	52	51	52	"	"	5	"
7	6.5	"	1	"	3-5	29.10	56	52	51	52	"	"	6	"
8	6.5	SW3/4W	1	"	3-5	29.12	56	52	51	53	bcp	"	6	"
9	7.0	SW×W		"	3-5	29.19	56	52	52	54	bc	"	5	"
10	7.2	"		"	3-5	29.25	55	52	52	54	"	"	6	"
11	7.0	"		"	3-5	2929	56	53	53	54	bcp	"	7	"
12	6.8	S.W.		"	3-7	29.32	56	53	53	54	beq	"	6	"
1	6.0	SW×W		NW×W	3-6	2935	56	53	52	54	beq	cum rim	5	2
2	6.0	"		"	3-7	29.41	56	53	53	54	beqp	"	6	"
3	6.0	"		NNW	3-7	29.47	56	54	53	54	"	"	4	"
4	4.5	"		"	3-8	29.53	56	53	53	54	"	"	2	"
5	5.0	"	1/2	"	3-8	29.58	56	53	53	54	beq	"	4	2
6	6.0	"	1/2	"	6-7	29.61	56	53	53	54	"	"	5	"
7	4.8	"		"	3-5	29.68	58	53	53	54	"	"	9	"
8	4.4	"		"	3-6	29.75	58	53	53	54	"	"	8	"
9	4.0	"		"	5-5	29.79	57	53	53	54	"	"	8	m
10	3.8	"		"	3-5	29.85	57	52	52	54	bc	"	8	"
11	3.0	"		"	2-4	29.85	56	52	52	54	"	"	9	"
12	2.5	"		"	2-4	29.84	56	52	51	53	"	"	7	"

Distance run by Log 102.5 Knots

Lat at noon D.R. N. 47° 41′ 15″

Long " " D.R. W. 15° 36′ 35″

Lat " " Obs. N. 47° 32′ 08″

Long " " Obs from noon W. 16° 07′ 00″

under the Command of Captain R. C. Rodgers U.S.N.

Thursday, Feb. 11, 1879.

At sea, bound from Portsmouth, Eng. to New York.

Pleasant weather with passing showers. Winds light with heavy squalls from N.W. to N.N.W. Sea heavy swell from the Wd ship pitching heavily at times. Steering a course all day. Sent up topgallant yards. Augustus Nunis (Sea.) reported his term of enlistment as having Expired. A sail in sight on starboard quarter during the morning. Sail on ship at midnight; - Furled fore and main topsails; single reefed foresail, fore storm staysail, and fore topmast Staysail. Barometer rose steadily all day from 28.88 to 29.85.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Hours	Knots	Course	Sea	Wind	Force	Ran	Att Therm	Dry Bulb	Mt Bulb	Water Temp	Weather	Clouds	Chron Sky	Sea
1	2.5	SW×W		NNW	2	2990	56	52	52	53	bc	am min	4	2
2	2.0	SSW		WNW	3-1	2990	55	52	52	53	scqr	"	0	"
3	1.0	SW×W		NNW	1-0	2990	55	52	51	53	ac	"	0	"
4	1.0	S×W		WSW	3-1	2990	55	51	50	53	"	"	0	"
5	1.0	S×E	1	"	0-2	2990	56	52	51	53	"	"	0	"
6	1.0	S×E½E	1	"	0-1	2987	56	53	53	53	"	"	0	"
7	1.6	SSE	1	SW	0-1	2986	56	53	53	53	"	"	0	"
8	0.5 1.0	SE NNW	1	SW×S	1-3	2986	56	53	53	53	acd	"	0	"
9	2.6	"	4	"	3-5	2986	56	52	53	54	acdm	"	0	m
10	3.0	W×N	4	SSW	5-7	2982	56	52	52	55	acqdm	"	0	"
11	2.8	W½N	4	S×W	6-8	2976	54	52	53	55	"	"	0	"
12	1.5	W×N	4	"	6-8	2972	54	52	54	55	"	"	0	"
1	3.0	WNW¾W	3	SSW	6-8	2965	55	54	56	55	acqrm	am min	0	m
2	2.8	NW×W	3	SW	4-7	2961	55	54	55	55	bcqrm	"	1	"
3	3.0	NW×N	3	WSW	4-6	2961	55	54	54	56	"	"	4	"
4	3.3	NW½N	3	"	4-6	2960	55	54	54	55	bcqr	"	5	"
5	4.0	NW	3	SW	4-7	2957	55	54	54	55	bcqr	"	2	"
6	4.0	N W×N	3	SW×W	5-7	2957	55	54	54	54	bcq	"	7	"
7	3.4	"	3	"	5-7	2950	55	54	54	55	bcqh	"	2	"
8	1.5 1.0	NE SE½E	3	SW	5-7	2946	56	53	53	55	"	"	2	"
9	2.5	SE½E	2	"	6-9	2941	55	52	52	55	bcqlp	"	4	"
10	2.0	SE	3	"	6-9	2938	56	52	52	54	acqh	"	0	"
11	2.0	SE×S	4	"	7-10	2935	55	52	52	54	acqulp	"	0	"
12	2.0	SSE	4	SW×W	8-9	2932	54	52	52	54	bcq	"	6	"

Distance run by Log. 78.4 Knots

Lat. at noon D.R. N. 46° 38′ 13″

Long " " D.R. W. 16° 52′ 20″

Lat. " " Obs. "

Long " " Obs. noon W. 17° 05′ 00″

under the command of Captain D. C. Badger U. S. N.

Wednesday, Feb. 12, 1829.

At sea, bound from Portsmouth Eng. to New York.

Overcast and rainy first part of the day, pleasant with frequent passing showers latter part. Light breze from the Southd. first part of the day increasing in force to a moderate gale latter part of the day. Steering full and by on port tack until 7.30 PM. when that wore to on starboard tack. Barometer falling from 29.90 at 7.00 AM. to 29.32 at Mid. Moderate to rough sea. Employed in Nav. Department and Seamanship. Sail on ship at close of day. Main. storm staysail, main hyesail and storm trysail.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Hour	Knots	Course	Sea	Wind	Force	Baro	Dry Bulb	Wet Bulb	Attd Thm	Water Temp	Weather	Clouds	Clouds Sky	Sea
1	2.0	S×E	4	WSW	7-9	2932	54	52	51	54	beg L	cum nim	3	C
2	2.0	S×W	4	W	6-8	2931	55	52	51	54	beg	"	2	"
3	2.0	SSW	4	W×N	6-8	2930	55	51	50	54	"	"	5	"
4	2.0	"	3	"	5-9	2934	55	50	50	54	beg pi	"	4	"
5	2.0	"	4	"	7-9	2932	54	49	49	54	beg	"	6	"
6	2.0	"	4	"	5-9	2929	53	50	50	54	beg L	"	4	"
7	2.0	"	4	"	3-9	2929	53	51	51	55	beg pi	"	2	"
8	2.0	"	4	"	6-9	2933	54	52	51	55	beg	"	3	"
9	1.6	SWxS	6	WNW	6-9	2935	54	52	52	54	"	"	3	"
10	1.6	"	6	"	6-9	2939	53	53	52	54	"	"	4	"
11	1.6	SW	7	NW×W	7-10	2939	51	51	50	54	beg p	"	2	"
12	2.0	SW×W	7	NW	9-11	2936	49	49	49	54	"	"	4	"
1	1.6	SW	8	NW	7-8	2938	53	48	47	54	beg p	circum nim	5	C
2	1.6	"	8	"	8-9	2942	49	47	47	54	beg pi	"	7	"
3	1.5	"	8	"	8-7	2942	50	48	47	54	beg	"	6	"
4	1.6	"	8	"	7	2942	50	48	48	54	"	"	6	"
5	0.5	"	8	"	7-8	2948	50	48	48	55	"	"	4	"
6	0.5	WSW	8	NW×N	7-8	2951	51	47	47	55	"	cum nim	6	"
7	1.6	"	6	"	7-9	2955	52	48	48	55	beg L	"	4	"
8	1.6	"	6	"	7-9	2957	52	50	50	55	beg	"	4	"
9	1.5	"	6	"	7-9	2958	53	50	50	54	beg p	"	4	"
10	1.5	"	6	"	7-9	2962	52	51	51	54	"	"	3	"
11	1.5	"	6	"	7-9	2967	52	51	51	54	"	"	2	"
12	1.5	"	6	"	7-9	2974	52	51	51	54	"	"	5	"

Distance run in 24 hrs 57.0 Knots

Lat. at noon D. R. N. 46° 46′ 40″

Long " " " D. R. W. 16° 46′ 20″

Lat " " " Obs. N. 46° 28′ 46″

Long " " " D. R. & Common W. 16° 35′ 25″

under the command of Captain, D. A. Badger, U. S. N.

Thursday, Feb. 13, 1829.

At Sea, bound from Portsmouth, Eng., to New York
Pleasant weather with passing
showers. Blowing a fresh to heavy gale from
the N.W. and W.N.W. Ranges sea. Ship lying to on
starboard tack all day. Felt frequent and
heavy thumps under the quarter during the
mid and morning watches. At 9.30 A.M. dis-
covered that the midden head had twisted off
Made preparations to get spare topsail yard
across the poop to stow with a hawser. Bent
lines to midden chains and had them in-
board. At 1.00 P.M. sent down crossjack
yard, and lashed it across the knak of the
poop to be used as a fairleader for the midden
pendants. At 3.30 P.M. got a hawser around
the stern of the ship, and hauled it in taut
at the gangways to jam the helm hard down
and prevent it from yawing. At 4.00 P.M.
got the weather midden pendant adrift, had
the line bent to the pendant through a block
on the crossjack yard, hauled it taut, but it
parted. The hawser over the midden chafed through.
Got another hawser and put a piece of chain
over the midden to prevent chafe. Hove to midden
main topsail, double reefed fore topsail, and storm mizzen.

Journal of a Cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns

Hours	Knots	Courses	Leeway	Wind	Force	Bar	Dew Point	Dry Bulb	Wet Bulb	Water Surface	Weather	Clouds	Clear Sky	Remarks
1	1.5	W S W	6	N N W	7-9	29 74	54	51	49	54	beg squ	cum nim	7	R
2	1.5	"	6	"	7-9	29 73	54	51	49	54	"	"	7	"
3	1.6	"	6	"	79	29 73	54	51	51	53	"	"	2	"
4	1.6	"	6	"	7-9	29 73	54	51	50	52	"	cirrus cum nim	2	"
5	2.0	W	7	"	9-10	29 75	55	53	53	53	"	Cirrus cum nim	3	"
6	2.0	W × S	7	"	9-10	29 75	53	52	52	53	"	"	3	"
7	2.0	"	7	"	9	29 75	53	51	51	54	beg sq	"	4	"
8	2.0	"	7	"	9-7	29 78	53	51	51	55	beg sq	"	4	"
9	1.5	"	8	"	7-8	29 82	53	51	51	54	"	"	2	"
10	1.5	W	8	N × W	6-8	29 84	53	52	51	56	beg sq	cum nim	0	"
11	1.5	"	8	"	5-8	29 82	53	52	51	55	"	"	0	"
12	1.5	"	8	"	5-7	29 92	53	52	52	55	"	"	0	"
1	1.5	W × S	6	N N W	6-7	29.95	54	53	53	54	beg sq	cum nim	4	R
2	1.5	"	6	"	6-7	29 96	54	53	53	54	"	cirrus cum	6	"
3	1.5	W S W	6	"	4-7	29 96	54	53	53	54	"	"	4	"
4	1.6	S W × W	6	N W × N	4-6	29 97	55	53	54	54	"	cirrus cumuli cum nim	4	"
5	1.5	W S W	6	N N W	3-6	29 98	56	53	55	54	"	"	1	L & M
6	2.0	S W × W	6	N W × N	3-5	29 99	56	53	55	55	beg sq	"	4	"
7	2.0	"	6	N W	3-5	29 98	57	54	56	55	"	"	2	"
8	2.0	W S W	6	"	3-5	29 98	56	55	55	54	"	"	2	"
9	3.5	S W		N N W	4	2997	55	53	53	55	sq	cirrus cum	4	L
10	4.0	"		"	4	29 99	55	54	54	55	beg sq	cum nim	4	"
11	5.0	"		"	4	30 00	58	54	54	56	"	"	5	"
12	6.0	S W ½ S		"	4	30 01	59	54	54	55	"	"	5	"

Distance run by Log 36. Knots

Lat at noon by D.R. N. 46° 00′ 23″

Long " " " D.R. W. 15° 52 25″

Lat " " " Obs. N. 45° 48′ 50″

Long " " " Obs forenoon W. 16° 03′ 56″

Long " " " Obs afternoon W. 16° 01′ 00″

under the command of Captain A. T. Badger U. S. N.

Friday, Feb. 14, 1879.

At Sea.

Weather generally pleasant. Fresh to strong gales from the 1st and 2nd decreasing in force towards night. Ship laying to until 9.00 P.M. Rolling deeply and easily in a rough sea. Rudder thumping badly. About 4.00 A.M. the lanyard around the rudder chafed. Passed it again. Engaged in fitting iron pendants, rudder rope, and tying rudder. At 8.30 A.M. caught the main rudder pendant and hauled it taut steadying the rudder a great deal. During the forenoon the barque "Sagitta" bound for Baltimore passed under our stern within hailing distance. Asked him to send a steamer to our assistance. Made signals B P J - H V - K P V the barque answered the last by C. and stood off to the S.W. About 5.00 P.M. got another light of claw over rudder, and brought the tails in through a forward upper deck port. Endeavored to sling the rudder but was unsuccessful. At 8.00 P.M. made sail to double reefed fore and main topsails, foresail, and foretopmast staysail, eased away on starboard lanyard and laid a course of S.W. Ship steering easily.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Hour	Knots	Course	Sea	Wind	Force	Bar.	Att. Th.	Dry Bulb	Wet Bulb	Water Temp.	Weather	Clouds	Clear Sky	Lee
	5.5	SW½S	½	NW	3-4	30 02	57	54	54	55	Cirro-cumulus	bcu	5	L
2	6.0	"	½	"	4	30 02	59	54	54	56	cirrus cumulus	bc	6	"
3	6.0	"	½	"	3-4	30 04	59	54	54	55	"	"	7	"
4	7.0	SWxS	½	"	4	30 04	59	54	53	54	"	"	5	"
5	8.4	"		"	5	30 05	59	54	54	55	"	"	6	"
6	7.0	"		"	4-5	30 06	59	54	54	55	cumulus cumulus	"	6	"
7	8.5	"		"	5-6	30 07	58	54	54	55	"	"	2	"
8	5.5	SSW		"	5-6	30 09	58	54	54	55	cumulus	oc	0	"
9	4.4	"	3	NNW	5-6	30 09	58	54	55	55	cumulus cumulus	ocu	0	"
10	4.0	SxW½W	3	"	5-6	30 09	57	56	55	56	"	"	0	"
11	4.0	"	3	"	5-6	30 09	58	55	55	55	cirrus cumulus	bcu	2	"
12	5.0	SSW	3	"	56	30 09	57	55	55	55	cumulus	"	2	"
1	7.5	SWxS	1	NWxW	5-6	30 08	57	55	55	55	cumulus	bcu	2	L
2	8.0	"	1	"	5-6	30 07	57	56	56	56	cirrus cumulus	bcu	4	"
3	7.5	"	1	"	5-6	30 06	57	55	56	56	cumulus	ocu	0	"
4	7.0	"	1	"	4-6	30 05	57	55	56	56	"	"	0	"
5	8.0	"	1	"	4-5	30 07	57	55	55	56	"	"	0	"
6	7.0	"	1	"	4-5	30 07	57	55	55	55	"	"	0	"
7	5.0	"		"	3-4	30 09	57	55	55	56	cumulus	ocu	0	L
8	6.0	"		"	3-4	30 11	57	55	55	56	"	"	6	"
9	5.0	"		"	5-6	30 11	61	55	55	56	"	"	0	L
10	5.3	"		"	5-6	30 09	61	55	55	56	"	"	0	"
11	5.8	"		"	5-7	30 08	60	55	55	56	cumulus cumulus	bcu	2	"
12	6.5	"		"	5-7	3008	61	55	55	56	"	ocu	0	"

Distance run by Log 103.0 Knots

Lat at noon D.R. N 44° 14' 32"

Long " " D.R. W 15° 36' 30"

Lat " " Obs N 44° 02' 32"

Long " " Obs at noon W 16° 06' 45"

under the Command of Captain A. E. Badger U. S. Navy.

Saturday, Feb. 15, 1879.

At Sea.

Pleasant first part of the day, overcast and drizzling latter part. Fresh breze from the N.E. and N.N.E. Long sea. Ship rolling easily. At 7.00 a.m. shored down fore topsail and up main topsail, and hauled up courses, set stun sails and main stay sail. Drove a Norman bolt in the after part of the rudder, and put a right at chain over this, striking it on both sides. To this chain hooked iron pendants made of ridge rope and brought the ends through blocks on the crosspeck yards and clapped a tackle on the pendants. The hawsers were allowed to remain in case of accident. Made sail again and kept away, steering a course S.W. by S. Sail on ship:- Double reefed fore and main topsails, fore sail, fore stun sail and fore topmast stay sail.

Journal of a Cruise of the U.S. Sailing Frigate Constitution, 3rd Cat, 2 Cruise.

Hour	Knots	Course	Lee	Wind	Fresh	Sail	Att. Therm	Dry Bulb	Wet Bulb	Mean Temp	Weather	Clouds	Clear Stay	Lee.
1	7.8	S by S		N by W	6-7	30.09	61	56	56	56	oc	cum nim	0	S
2	7.0	"		"	5-6	30 08	61	55	55	56	"	"	0	"
3	7.1	"		"	5-6	30 08	61	55	55	57	oc	"	1	"
4	7.0	"		"	5-6	30 08	60	56	55	57	"	"	1	"
5	7.6	"		"	5-6	30 09	61	56	56	57	ocm	"	0	L
6	7.5	"		"	6-6	30 10	61	56	56	57	"	"	0	"
7	7.6	"		"	6-6	30 11	61	56	56	57	"	"	0	"
8	7.5	"		"	5-6	30 11	61	55	55	57	"	"	0	"
9	7.0	"	1	"	5	30 14	61	56	55	57	"	"	0	"
10	6.5	"	1	"	5	30 14	61	55	55	57	"	"	0	"
11	8.0	South		"	5	30 14	61	57	57	57	"	"	0	"
12	9.5	"		"	6-6	30 14	61	57	56	58	acs	"	0	"
1	9.0	South		N by W	4-6	30 14	61	58	57	58	bcsm	cum nim	2	L
2	4.5	S by W		"	4-6	30 14	61	58	57	58	bcm	cirrocum nim	3	"
3	4.6	South		W N W	4-6	30 14	61	57	56	58	"	cirrocum	2	"
4	4.7	S 1/2 E		N W	4-6	30 14	61	57	56	58	"	"	1	"
5	7.5	South		W N W	4-6	30 13	61	57	56	58	"	cum cirrostra	3	S
6	9.0	"		"	4-5	30 13	61	57	56	58	bc	"	3	"
7	8.7	"		"	4-5	30 13	63	57	57	58	"	"	3	"
8	9.0	"		"	5	30 15	63	57	57	59	"	"	2	"
9	8.0	"		"	5	30 16	64	57	57	58	"	"	3	"
10	7.5	"		W by N	5	30 18	64	57	57	58	"	"	2	"
11	7.4	"		"	5	30 18	64	57	57	59	oc	cum nim	0	"
12	8.5	"		"	5-6	30 18	66	58	57	59	"	"	0	"

Distance run by Log 167.6 Knots

Lat at Noon D.R. N. 41° 17' 23"

Long " " D.R. W. 15° 51' 15"

" " " Obs. Forenoon W. 15° 50' 15"

" " " Afternoon W. 15° 53' 00"

under the command of Captain A. A. Badger, U. S. Navy.

Sunday, Feb. 16, 1828.

At Sea.

Weather generally pleasant, misty around the horizon. Fresh breezes from the N.E. and W.N.W. Long sea. Struck mast and top sails and set topgallantsails about 11.00 am Shortened sail in the afternoon, and drove another roman bolt in after part of main and fitted two more iron pendants. At 5.00 PM. made sail again to topgallant sails and put ship on her course. Ship rolling easily. Sail on ship at 12.00 Mid. foresail, single reefed fore and main topsails, main topgallantsail, fore storm staysail and fore & main staysails.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns

Hours	Knots	Course	Leeway	Wind	Force	Barometer	Air Thermometer	Dry Bulb	Wet Bulb	Water Surface	Weather	Clouds	Clear Sky	Sea
	8.5	S E 1/2 E		N N W	4-5	30 16	62	58	57	59	oc	nim	0	S
2	7.0	"		"	3-5	30 15	62	58	57	59	bcp	cum nim	2	"
3	7.0	"		"	4-5	30 16	62	58	57	59	fc	"	3	"
4	7.5	"		"	4-5	30 15	62	58	57	59	"	"	3	"
5	8.0	"		N W	4 5	30 16	62	58	57	59	ocd	"	0	"
6	7.5	"		"	3-5	30 15	62	57	57	59	bcd		3	"
7	8.0	"		"	4-6	30 15	61	57	56	59	"	circum cum nim	1	"
8	8.5	"		"	4-6	30 15	61	57	56	59	bc	"	2	"
9	8.5	"		"	4-5	30 16	62	56	58	59	bcp	"	4	"
10	8.0	"		"	3-5	30 15	65	60	59	59	bc	"	6	"
11	8.0	"		"	4-6	30 15	69	62	60	59	"	circum cum nim	5	"
12	6.0	"		"	4-6	30 15	65	61	59	59	bcp	"	3	"
1	8.0	S E 1/2 E		N W x W	4-6	30 13	64	61	60	59	bc	cum nim	6	S
2	8.2	"		"	4-5	30 12	63	61	60	59	"	cum nim	8	"
3	9.2	"		"	5-6	30 11	68	60	59	59	"	cum	5	"
4	9.2	"		"	5-6	30 11	62	59	59	60	"	"	7	"
5	8.4	"		"	5	30 11	63	60	58	59	"	"	2	"
6	8.2	"		"	5	30 11	64	59	59	59	bcp	cum cir nim	4	"
7	7.6	"		"	6-5	30 11	65	59	59	59	bc	"	4	"
8	7.6	"		"	6-5	30 11	65	58	58	59	bcd	"	4	"
9	8.0	"		"	5-6	30 13	65	58	59	60	bcm	cum nim	4	"
10	8.0	S E x E		"	5-6	30 16	64	58	59	60	acm	circum nim	0	"
11	8.4	"		N W	5-6	30 16	64	58	59	59	bc	cum nim	2	"
12	8.4	"		N W x W	5-6	30 15	65	59	58	59	"	"	1	"

Distance run by Log 180.8 Knots

Lat at Noon	by D. R.	N.	39	33	45
Long " "	R R	W.	13	04	30
Lat " "	Obs	N.	39	30	43
Long " "	Obs Forenoon	W.	13	01	30
Long " "	Obs Afternoon	W.	13	15	05
Variation of Compass by Amplitude		W.	20	07	00

under the command of Captain A.C. Badger, U.S. Navy.

Monday, Feb. 17, 1879

At Sea.

Pleasant mathn, passing showers Hard bright from the Nw and Wly Smooth sea. ship steady. At 12,00 mt the Patine dog. Punt with boom cable. At 1.00 am shook out reefs of Fore and Main top-sails, set fore topgallantsail. Hauled down fore storm staysail. At 2.00 am hauled down fore topmast staysail. at 11.00 am set it again.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns

Hour	Knots	Course	Dev	Wind	Force	Bar	Att Therm	Dry Bulb	Wet Bulb	Water Surface	Weather	Clouds	Clear Sky	Sea
1	8.0	S Ex E		N×W	4-5	30 14	58	64	58	59	hazy	cumulus	4	S
2	7.5	"		NNW	4	30 14	58	64	58	59	"	"	5	"
3	3 5/5	S E 3/4 E		North	4	30 13	57	64	57	59	hazy	"	3	"
4	7.0	S E × E		NE	4-5	30 14	56	63	57	59	hazy	"	3	"
5	5.5	"		"	2-4	30 16	57	63	57	59	"	"	3	"
6	5.0	"		NNE	2-5	30 18	52	63	57	59	hazy & dp	"	3	"
7	6.0	S E × E 1/4 E		"	3-4	30 19	56	62	55	59	haze	"	5	"
8	7.6	S E × E 3/4 E		"	4-5	30 21	56	61	54	59	"	"	5	"
9	8.4	E × S		"	5	30 22	56	59	54	59	"	"	4	"
10	8.4	E × N		"	5	30 23	56	58	54	59	"	cirrus	6	"
11		Hove to		North	4-5	30 23	56	58	55	59	"	cirrus	4	"
12		tread yards for mast		NNW	4-5	30 23	56	59	55	59	"	"	3	"
1		Standing		NNW	4	30 23	57	60	55	59	haze	cirrus	7	S
2				"	4	30 23	57	62	55	59	"	"	7	"
3		off		"	4	30 22	57	61	56	59	"	"	7	"
4		and on		"	4	30 21	56	59	56	59	"	"	7	"
5	Standing into Lisbon			"	3-4	3022	56	59	56	59	"	"	5	"
6		"		"	3-4	3024	56	59	56		"	"	4	
7		"		"	1-2	3025	56	60	56		haze	—	10	
8		"		"	0-1	3028	54	66	65		"	—	10	
9	Ebb tide	Sails head N × W		"	0-1	3028	52	65	54		"	—	10	
10		"		"	0-1	3027	52	60	52		"	—	10	
11		"		"	1-2	3026	52	59	52		haze	cirrus	6	
12		"		"	1-2	3026	52	58	52		-	"	6	

Distance run by Log 169.6 Knots

Boat at Noon D.R. N. 38 65 30

Long " " D.R. W. 9 46 35

Lat Astronomical Observations N. 38 30 00

Long " " " " W. 9 32 00

Long at Noon Obs. Forenoon W. 9 40 36

Current 0.9 knots per hour setting S.E.×S.

under the Command of Captain A.C. Badger, U.S. Navy.

Tuesday, Feb. 18, 1879.

Standing in to Lisbon.

Pleasant weather, passing showers and misty around horizon during the first part of the day. Fresh airs from the Sth and Wd dying out towards night. Got the anchors off the bows during the morning watch smooth sea. At 8.05 am sighted high land bearing (pc) E.N.E. Stood in towards the land, shortened sail, and hove to with the head yards to the mast. Signalled with the shore station, International Code, G Q J C - K P V. J - G C - All answered. Filled away again made signals M B V - R Q B. At 12.45 took pilot, wore ship and stood in. At 3.20 P.M. took two tugs and was towed up the Tagus River. The ship was visited by the medical officer. At 7.00 let go the port anchor veering to 120 fathoms, then let go starboard anchor veering to 60 fathoms and hove in to 52 fathoms on port chain Bearings at anchorage Belim Castle N 77° W 1/4 W Dome of Estrella N x E 1/4 E Ships mast N N W

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Wednesday Feb. 19, 1879.

Lisbon, Portugal.

Clear and pleasant. Calm and light variable airs. Bent chain. Loosed and dryed sails, unbent and stowed below fore and main trysails, fore storm staysail, fore top-mast staysail, mizzen storm staysail, storm mizzen, and royals. Officers from the Portuguese Admiral and the Chief of the Dock Yard came on board with the Compliments of their Chiefs, and offer of services. Unbent top-gallant sails, Furled sail, Crew at work clearing up and washing ships off outside. Served out Clean hammocks and got up hammock gratings. Clean hawse. Greatest force of tide 2.8 knots.

Mast bar. for the day	30.26	Min.	30.20
Mast dry bulb Ther	59	Min.	50
Mast wet bulb Ther	57	Min.	52
Mast force of wind	3	Min.	0

Form of Clouds, Cum. Str. cumstr. nim. cir. circum.

Thursday Feb. 20, 1879.

Lisbon, Portugal.

Clear and pleasant first and latter part of the day, overcast and drizzling during the middle of the day. Calm and fresh breze from the Nr and Wr. Unshipped rudder head and found a clean break. Greatest strength of tide 2.3 knots. During the forenoon swung a cross in the hawse but cleared it in the afternoon by veering the jib

under the Command of Captain A.C. Badger, U.S. Navy.

Max bar for the day	30.19	Min.	30.06
Max dry bulb thm	60	Min.	50
Max wet bulb thm	59	Min.	52
Max force of wind	5	Min.	0

Form of clouds cum-nim. cumst.

Friday Feb. 21, 1879

Lisbon, Portugal.

Pleasant weather first and latter part, overcast and drizzling middle of the day. Moderate to fresh Westerly wind. A Board of Survey consisting of Lieut. C.M. Thomas, Master L.L. Reamy, and Boatswain Edward Bansall. met to survey several articles in the Equipment Department Aboard 9.15 a.m. Michael Mugavin (C.A.G.) fell overboard from the spanker boom, life buoys were thrown to him, but he was unable to catch them. He was picked up by two Portuguese boatmen named Jose Ross and Leonard Mark. Recovered the buoys. The U.S. Consul paid and official visit to the ships. At 5.15 PM crossed topgallant yards Sent an Officer to the Portuguese Flagship to inform them that we would dress ship tomorrow it being the anniversary of Washingtons birthday. Crew in hammocks at end of day Greatest strength of tide 3.6 knots.

Max. bar. for the day	30.10	Min.	29.94
Max. dry bulb thm.	57	Min.	55
Max. wet bulb thm.	57	Min.	55
Max. force of wind	6	Min.	3

Form of wind. cirrus. Nim. cum.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate,

Saturday, Feb. 22, 1879.

Lisbon, Portugal.

Cloudy and drizzling first part of the day. Pleasant latter part. Fresh breezes with very heavy squalls from the N.E. and N.W. At daylight dressed ship with with Jack and American Ensigns at the mastheads. At 8.00 am, the Portuguese men-of-war in port, dressed ship with the American Ensign at the main. At 2.30 sent down topgallant yards and housed topgallantmasts. James Horton (C. Mtz.D) was given liberty until 9. am. on Monday next, by order of the Captain. Crossed in the hawse. Greatest strength of tide 3.6 knots

Mean. bar. for the day	29.91	Min.	2974
Mean. dry bulb Ther.	58	Min.	48
Mean. wet bulb Ther.	58	Min.	47
Mean. force of wind.	9	Min.	3
Form of clouds.	cum.	nim.	

Sunday, Feb. 23, 1879.

Lisbon, Portugal.

Cloudy with passing showers first part of the day. Pleasant latter part. Calm and light to moderate variable breezes. At 9.40 am. muster and inspection of crew at Quarters. Clear hawse. Greatest strength of current 2.6 knots.

Mean. bar. for the day	29.83	Min.	29.73
Mean. dry bulb Ther.	53	Min.	43
Mean. wet bulb Ther.	50	Min.	43
Mean. force of wind	5	Min.	0
Form of clouds.	cir.	cum.	nim. cumstr. cirstr. cirrum.

2 Guns, under the command of Captain W.C. Cady U.S.N.

Monday, Feb. 24, 1879.

Lisbon, Portugal.

Pleasant weather, passing showers. Light to moderate N with bright

Received fresh provisions for crew. Rigged a purchase for unshipping rudder. Sent two Officers to Portuguese Dock Yard ~~to~~ to see off a lighter. Unshipped rudder and put it in lighter. Thos O'Neill (Sea) reported his time out, he was returned by order of Captain Elbow in leave. Strength of ship 2.8 knots.

Max bar for the day	29.96	Min. 29.79
Max dry bulb ther.	53	Min. 45
Max wet bulb ther	52	Min. 45
Max force of wind	5	Min. 0

Form of clouds Str. cum. nim. circum. cumstr.

Tuesday, Feb. 25, 1879.

Lisbon, Portugal.

Pleasant with passing showers. Wind light to moderate from N NE to N.W. fresh squalls. Sent up and fished crossjack Yard. Sent rudder and Main topgallant Yard to Dock Yard in lighter The American Barquentine E.J. McManus came in from the United States. Elbow in leave Current 3.2 knots.

Max. bar. for the day	30.04	Min. 29.92
Max. dry bulb ther.	51	Min 45
Max. wet bulb ther.	50	Min 45
Max. force of wind	6	Min. 0

Form of clouds circum. cum. nim.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Wednesday, Feb. 26, 1879.

Lisbon, Portugal.

Clear and pleasant. Moderate N E'ly wind. Painting ships outside. Overhauling head gear and rifting fore and main topsail yards. Sailmakers gang at work repairing hammock nettings. A Clergyman from shore held a prayer meeting on board. Loosed and furled sail. Crass in harbor. Greatest strength of tide 3.2 knots.

Mean bar. for the day	30.21	Min	30.06
Max. dry bulb ther.	58	Min	41
Max. wet bulb ther.	52	Min.	41
Max. force of wind	4	Min.	1

Forms of clouds cum. nim. cirrus cir.

Thursday, Feb. 27, 1879.

Lisbon, Portugal.

Clear and pleasant. Light N E'ly breeze. Received on board in Pay Department fresh provisions for crew. At 9.30 AM mustered at Quarters. Crew at work painting white outside and spars. Sailmakers gang at work on hammock nettings. Overhauling and fitting rigging. Clear weather. Current 2.8 knots

Mean. bar. for the day	30.20	Min.	30.10
Max. dry bulb ther.	59	Min.	42
Max. wet bulb ther.	53	Min.	41
Max. force of wind	3	Min.	1

Forms of clouds cirrum. cirro. str.

under the command of Captain A.C. Badger U. S. Navy

Friday, Feb. 28, 1879.

Lisbon, Portugal.

Pleasant and warm, hazy during most of the day. Calm and light variable airs. Crew at work painting ships. Ship riding to the tide. Elbow in hawse, Starboard chain on top, at end of day. Strength of tide 24 knots.

Max. bar. for the day	30.11	Min	30.01
Max. dry bulb ther.	60	Min	45
Max. wet bulb ther.	56	Min	43
Max. force of wind	2	Min	0

Form of clouds. cirrum. cum. cir. cumstr.

Respectfully submitted,
John V. Jordan
Cadet Midn.

Captain A.C. Badger, U.S.N.
Comdg. U.S.S. Constitution

Saturday, March 1, 1879.

Lisbon, Portugal.

Pleasant weather, slightly hazy during the forenoon. Light land and sea breeze, and calms. Received on board fresh provisions for crew. At 9.30 A.M. mustered at Quarters. Henry Williams (C.M.) and Joseph Matthews (Sea.) were granted liberty for twenty-four hours. Elbow in hawse. Starboard chain on top. Greatest strength of tide 18 knots.

Max. bar. for the day.	30.08	Min.	30.01
Max. dry bulb ther.	57	Min.	45
Max. wet bulb ther.	56	Min.	46
Max. force of wind	2	Min.	0

Form of clouds cir. cirstr. cumstr. cirrum. cum. Str.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate,

Sunday, March 2, 1879.

Lisbon, Portugal.

Pleasant weather, hazy during the forenoon. Light airs from East to North. Ship riding to current of the river all day. At 10.00 a.m. the ship and crew were inspected by the Captain. Called "All hands to muster" and the Captain read the "Articles for the better regulation of the Navy". A Clergyman from shore held Divine Service on board. Greatest strength of current 2.2 knots.

Max. bar. for the day	30.01	Min.	29.86
Max. dry bulb ther.	56	Min.	45
Max. wet bulb ther.	55	Min.	45
Max. force of wind	3	Min.	0

Form of clouds cirrh. cum. cir.-str. circum. cum-str.

Monday March 3, 1879.

Lisbon, Portugal.

Clear and pleasant. Moderate breze from the N.W. and E.N.E. Joseph Matthews (Sea.) returned from liberty 20 hours over-time. At 9.30 a.m. mustered at Quarters at 9.30 a.m. Found that Chas. Haddon, a straw away, had left the ship. Sent a liberty party ashore. Ships draught forward 21ft 00in 22ft 01½in aft. Clear hawse. Greatest strength of current 3.6 knots.

Max. bar. for the day	30.06	Min.	29.88
Max. dry bulb ther.	61	Min.	48
Max. wet bulb ther.	57	Min.	48
Max force of wind	6	Min.	3

Form of clouds, cir. circum. cum.-str.

2 Enos, under the command of Captain A.C. Badger, U.S. Navy.

Tuesday, March 3, 1879.

Lisbon, Portugal.

Pleasant and hazy. Calm and light to moderate breze from the N.E. and E.S.E. At 9.30 A.M. moored at Buoys. A Russian Armored Steam Frigate came in and saluted the Portuguese Flag with twenty-one guns. Sent an Officer on board to present the compliments of the Captain, and tender the usual civilities. The Commandant of the Portuguese Navy Yard came aboard, and paid an official visit. Sailmakers gang at work on hammock clothes. Crew at work painting and after spirit room and moving stores and ballast forward on upper deck. Clear hawse. Remainder strength of ship 300 Souls.

Max. Bar. for the day 30.26 Min. 30.07

Max. dry bulb Ther. 63 Min. 51

Max. Wet bulb Ther. 58 Min. 50

Max. force of wind 4 Min. 0

Form of clouds Circum. Cumi. Cir.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Tuesday March 5, 1878.

Lisbon, Portugal.

Warm and pleasant, light hazy. Calm and light breze from the N.a and E.a. and N.a and W.d.

At 9.30 a.m. mustered at Quarters, and found twenty one men absent without leave. Six of them returned overtime. Crew at work breaking out spirit room, and rigging up steam chain, moving everything forward to lighten & cause the draft of ship aft. The Russian Frigate saluted the Portugese Vice-Admiral with fifteen guns, which Salute was returned by a Portugese Man-of-war gun for gun. The Commanding Officer of the Russian Frigate paid an Official visit to the ship. By order of the Captain Thos. A McMahan was confined in double irons for being drunk and disorderly. Rammed turn and Elbow in hawse port chain on top. Greatest strength of tide 2.4 knots.

Max. dry bulb thm.	66	Min.	49
Max. wet bulb thm.	63	Min.	48
Max. bar for the day	30.34	Min.	30.27
Max. force of wind	5	Min.	0

Form of clouds. cirrus. cirro.

Thursday, March 6, 1879.

Lisbon, Portugal.

Clear and pleasant, Calm and light to moderate N.E.ly and N.W.ly wind. At 9.30 a.m. mustered at Quarters

under the command of Captain P.C. Badger, U.S. Navy.
and found Chas. O'Neill (Sea) John Shugrue
(Sea) and Matthew Whalen (Sea.) absent without
leave. Returned Chas. A. McMahan (Sea.) from
double irons. Crew at work clearing hawse.
The Captain made an official visit to the Russian
Brigate "Nimmin". Rained hard in shower port-
chain on top. Strength of tide 2.8 knots.

Max. bar. for the day.	30.36	Min.	30.31
Max. dry bulb thm.	62	Min.	49
Max. wet bulb thm.	60	Min.	49
Max. force of wind.	5	Min.	0

Form of clouds cirrus. cir. cum. circum.

Friday, March 7, 1879.
Lisbon, Portugal.

Pleasant and hazy. Calm
and light variable breezes. At 9.30 a.m. mus-
tered at Quarters and found five men absent
without leave. Chas. Williams 2nd returned
on board at 5.30 P.M. and was placed in
the Master's charge, by order of the Captain.
Clear hawse. Greatest strength of tide 4. knots.

Max. bar. for the day	30.35	Min.	30.30
Max. dry bulb thm.	65	Min.	48
Max. wet bulb thm.	63	Min.	48
Max. force of wind	3	Min.	0

Form of clouds. cum. cumstr. cirstr. circum. Nim. cir. Dft.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns,

Saturday, March 8, 1879.

Lisbon, Portugal.

Pleasant and hazy. Calm and light variable airs. Received fresh provisions for use of ship. At 9.30 mustered at Quarters, and found twenty-nine men absent without leave. Philip Harris (Sea), Alf J. Turner (Sea), and Chas. Williams, 2nd (Sea) were confined in double irons for overstaying liberty. Scraped Spars. Sent a lot of old copper ashore to be used for making mooring chains. Twenty-two men returned over time. Unbent jib, and rigged in jibboom.

Max. bar. for the day	30.33	Min.	30.27
Max. dry bulb ther.	64	Min.	54
Max. Wet bulb ther.	62	Min.	54
Max. force of wind	3	Min.	0

Term of clouds Cirrus. cum cirr. Str. cum.

Sunday March 9, 1879.

Lisbon, Portugal.

Clear and Pleasant. Calm and light S.E. by E. breezes. Two men returned from liberty overtime. At 10.00 A.M. mustered and inspected at Quarters. Found four men absent without leave. Francis Evans (Q.M.) returned on board 27 hours overtime. Crossed in hawser Starboard chain on top. Strength of tide 4.6 knots

Max. bar. for the day	30.35	Min.	30.30
Max. dry bulb ther.	69	Min.	52
Max. Wet bulb ther.	64	Min.	52
Max. force of wind	2	Min.	0

under the command of Captain O'Rodgers, U.S. Navy.

Monday, March 10, 1879.

Lisbon, Portugal.

Clear and pleasant. Light Easterly breze. A lighter came off and took on powder and fixed ammunition. At 9.00 AM. commenced to unmoor ship. Hove up both anchors, and steamed up to the dry dock Portugese Navy Yard. At 4.30 PM. the ship was in the dock, the caisson in, and they commenced pumping out and shoring the ship up.

Max. bar. for the day	30.44	Min.	30.33
Max. dry bulb ther.	70	Min.	54
Max. wet bulb ther.	63	Min.	52
Max. force of wind	3	Min.	0

Forms of clouds cirrst. circum. cir. cum. str. cumstr.

Tuesday, March 11, 1879.

Lisbon, Portugal.

Clear and pleasant. Calm and light N.E.ly wind. At 9.30 AM. mustered at Quarters and found John O'Neill (1st Class) absent without leave. Knocked down officers. pumping out dock and shoring up ship

Max. bar. for the day	30.38	Min.	30.28
Max. dry bulb ther.	67	Min.	50
Max. wet bulb ther.	60	Min.	49
Max. force of wind	3	Min.	0

Forms of clouds cumstr. cum. cirrus. cir.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate,

Wednesday, March 12, 1879.

Dry Dock, Lisbon.

Clear and pleasant. Calm & light airs from the N.E. At 9.30 a.m. mustered at Quarters and found Thos. O'Neill and Thos. Kanigan (Lds) absent without leave. Received on board stores in the Equipment Department. Crew at work on rigging. Thos Kanigan (Lds.) returned overtime!

Max. bar. for the day	30.27	Min	30.18
Max. dry bulb thm	65	Min	52
Max. wet bulb thm	63	Min	52
Max. force of wind	1	Min	0

Form of clouds Circumcumstratus cir.

Thursday March 13, 1879.

Dry Dock Lisbon.

Weather generally pleasant with passing showers of mist and rain. Calm and light airs from the N.E. At 9.30 a.m. I mustered at Quarters, and found four men absent without leave. Crew at work on rigging. Dock Yard workmen at work on Capstan and Bulk.

Max. bar. for the day	30.16	Min.	30.03
Max. dry bulb thm.	61	Min.	54
Max. wet bulb thm.	60	Min.	54
Max. force of wind	3	Min.	0

Form of clouds cir. Circum. cum cumulus. Cirrus

Lima, under the command of Captain D. A. Ridgely, U.S.N.

Friday, March 14, 1879.

Dry Dock, Lisbon.

Pleasant weather with drizzling rain latter part of day. Calm and light Easterly breeze. At 9.30 A.M. mustered at Quarters and found four men absent without leave. Dressed ship with American flag at fore and Nippon and Italian flag at main in honor of the birth day of the King of Italy. Crew at work on rigging. Workmen on Capstan and Hull.

Bar. for the day	30.03	Min.	29.92
Max. dry bulb Ther.	60	Min.	53
Max. Wet bulb Ther.	58	Min	54
Max. force of wind	3	Min.	0

Form of clouds circum. cum. nim. cir.

Saturday, March 15, 1879.

Dry Dock, Lisbon.

Clear and pleasant. Calm and light breeze from the N.W. At 9.30 A.M. mustered at Quarters and found nine men absent without leave. Five of whom returned overtime. John Coy P.M. was brought on board and a reward paid for him. He was confined in double irons for being drunk and disorderly. Thos. O'Neile (Sea.) was declared a deserter.

Max. bar. for the day	30.00	Min.	29.93
Max. dry bulb Ther.	61	Min.	50
Max. Wet bulb Ther.	59	Min.	50
Max. force of wind	2	Min.	0

Forms of clouds circum cum. Nim. cumulo. cir.

Journal facsimile of the H.M.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns

Sunday, March 16, 1879.

Dry Dock. Lisbon.

Weather clear and pleasant. Calm and light variable airs. At 10.00 A.M. inspected at Quarters. Divine Service was held on board. John Cox (R.M.) was released from confinement by order of the Captain

Max. bar. for the day 30.03 Min. 29.97
Max. dry bulb ther. 60 Min. 50
Max. wet bulb ther. 58 Min. 50
Max. force of wind. 2 Min. 0
Form of Clouds. Circum. cumulo. cum. nim.

Monday, March 17, 1879.

Dry Dock, Lisbon.

Clear and pleasant. Light S.E'ly wind. Receiving fresh provisions for ship. At 9.30 A.M. mustered at Quarters. By order of the Captain released from confinement Chas Williams (Sea) Alex Lamm (Sea) and Philip Harris (Sea). Received on board stores in the Navigation Department. Crew at work breaking out fore hold and overhauling rigging.

Max. bar for the day 29.95 Min. 29.75
Max. dry bulb ther. 62 Min. 51
Max. wet bulb ther 60 Min. 52
Max. force of wind 3 Min. 1
Form of clouds cirro. cumulo. circum. cir. cum. nim

under the command of Captain A. C. Badger, U. S. Navy.

Tuesday, March 18, 1879.

Dry Dock, Lisbon.

Overcast and drizzling rain. Calm and light Easterly wind. At 9.30 a.m. mustered at Quarters. Received stores in the Equipment Department. The Portuguese Vice Admiral paid an official visit to the ship.

Bar.	Mean for the day	29.73	Min. 29.69
Max.	dry bulb thm.	56	Min. 52
Max.	Wet bulb thm	57	Min. 54
Max.	force of wind	2	Min. 0

Name of clouds cumulo. cum. nim.

Wednesday, March 19, 1879

Dry Dock. Lisbon.

Overcast and rainy. Calm and light variable breze. At 9.30 a.m. mustered at Quarters. Received on board stores in the Equipment Department.

Max.	Bar for the day	29.57	Min. 29.39
Max.	dry bulb thm	57	Min 47
Max.	Wet bulb thm.	57	Min 48
Max.	force of wind	0	Min. 0

Name of clouds Nim cirrus cumulo. cum.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate,

Thursday, March 20, 1879

Dry Dock, Lisbon.

Weather generally pleasant with passing showers. Calm and light to moderate S.W. & W. breeze. Received on board fruit provisions for crew. At 9.30 a.m. mustered at Quarters. Launch sail to dry and furled. Crew at work on rigging. Received on board stores in the Nav., Equip., and Construction Departments.

Max. bar. for the day	29.48	Min.	29.42
Max. dry bulb ther.	57	Min.	46
Max. Wet bulb ther.	57	Min.	47
Max. force of wind	4	Min.	0

Form of clouds circum. str. cumulo cum. nim.

Friday, March 21, 1879.

Dry Dock, Lisbon.

Clear and pleasant. Light breeze from the N^a and E^a. At 9.30 a.m. mustered at Quarters. Received on board stores in the Departments of Equipment and Construction. Dock Yard workmen at work on rudder. Received from the Yard a new topgallant yard.

Max. bar. for the day	29.74	Min.	29.48
Max. dry bulb ther.	59	Min.	48
Max. Wet bulb ther.	56	Min.	49
Max. force of wind	3	Min.	1

Form of clouds. cum. cir. cirrh. circum.

Lmns. under the command of Captain A. C. Badger U.S.N.

Saturday, March 22, 1829.

Dry Dock, Lisbon.

Pleasant weather, passing showers. Lights & moderate Northerly breezes. Received onboard fresh provisions for Lmns. At 9.30 A.M. mustered at Quarters Received on board stores in the Construction Department. Dock Yard workmen capstaning ridden, rigged purchases for shifting it. The Commandant of the Navy Yard and the U.S. Consul visited the ship. Shifted the ridden.

Mar. bar. for the day	29.79	Min.	29.73
Max. dry bulb ther.	60	Min.	53
Max. wet bulb ther	59	Min.	54
Max. force of wind	4	Min.	0

Form of clouds circum. cir. cumstr. cum. nim.

Sunday, March 23, 1829.

Dry Dock, Lisbon

Pleasant weather passing showers. Calm and light N.W by W wind. At 9.40 A.M. mustered at Quarters. At 10.00 A.M. Captain inspected ship and crew. Sent Liberty party ashore. Put T.D. Whitsides (Gifer) under Sentry's charge for leaving Navy Yard without permission, also Wm Rose C.D for being drunk and disorderly.

Mar. bar for the day	29.83	Min.	29.75
Max. dry bulb ther.	61	Min.	53
Max. wet bulb ther.	61	Min.	53
Max. force of wind	2	Min.	0

Form of clouds. Nim. Cum. Circum.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 2nd Rate,

Monday March 24, 1879.

Dry Dock, Lisbon.

Weather generally pleasant. with passing showers. Calm and light breezes from the N.E. and W. Thos A. McMahon O.S. left the ship without permission. Received fresh provisions for crew. Released from Sentry's charge Wm Russ (C.T.). Gave Jeff. Erickson P.M. and John W Pettyman (Cas) three days extra duty. the former for being drunk and unable to do duty, and the latter for disregard of a general order. Henry Collins (Cas) was released from confinement. Received on board 10 galls oil in Equip. Deserter. The dry dock was filled and the ship hauled out, and taken in tow by a tugboat, towed down to a buoy to which we shackled with chain.

Bar. for the day	29.79	Min.	29.73
Max. dry bulb thm.	60	Min.	52
Max wet bulb thm.	58	Min.	52
Max. force of wind	3	Min.	0

Form of clouds. cir cum. nim. cirrus cirrh.

Tuesday, March 25, 1879.

Lisbon, Portugal.

Clear and pleasant. Calm light breezes with moderate squalls, variable in direction. At 9.00 a.m. a lighter from the Navy Yard came alongside with water, but the Medical Officer found it too brackish for use, and it

2 Guns, under the Command of Captain O.C. Badger, U.S.N. was sent back. An apology was sent to the Commandant for the useless trouble caused. Rigging out jibboom. Crew at work setting up and fitting rigging. Confined Thos. A McMahan (O.S.) in double irons for leaving ship without permission. Richard Ballard. John Connors (Quad) and Olof Thomsen (O.S.) were given three days Extra duty for fighting.

Max bar for the day	29.85	Min.	29.69
Max dry bulb Ther.	61	Min.	50
Max wet bulb Ther.	57	Min.	50
Max force of wind	5	Min.	0

Form of clouds. Circum. cum.

Wednesday, March 26, 1879.

Lisbon. Portugal.

Mathematically pleasant with frequent rain squalls. Moderate breeze with heavy squalls from W. × S. & N.W. Bridled topgallant masts and rigged out flying boom. Crew at work on rigging. A water boat came alongside but the water was condemned. Received on board gun powder and filled ammunition. Two barrels of oil in Nav. Dept. Greatest strength of tide three knots.

Max. bar for the day	29.86	Min.	29.81
Max. dry bulb Ther.	58	Min.	50
Max. wet bulb Ther.	58	Min.	50
Max. force of wind	6	Min.	1

Form of clouds cum. nim. circum cumulus.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 2nd

Thursday, March 27, 1879.

Lisbon, Portugal.

Weather cloudy with passing showers. Fresh to moderate breeze from N. to W.×S. Received on board fresh provisions for use of crew. Received on board stores in the Pay. and Equipment Department. Commenced to coal ship. A packing German steamer, and a Portuguese barque saluted by dipping their colors; returned the salutes. Greatest strength of current 2.4 knots.

Max. bar. for the day	30.06	Min. 29.82
Max. dry bulb thm	59	Min. 49
Max. wet bulb thm	51	Min. 47
Max. force of wind	6	Min. 1

Form of clouds, cum. nim. cirrum.

Friday, March 28, 1879.

Lisbon, Portugal.

Pleasant weather. Light to moderate breeze from N.N.E. to West. Finished coaling ship. Watered ship. Commenced to bend the head sails, when it was discovered that the jibboom was sprung one foot outside the bowsprit cap. A Board of Survey consisting of Lieuts. C. M. Thomas, and J. W. Carlin, Ensign Jos. Swift and Carpenter W. J. Magar surveyed the jibboom. Unbent the jib and sent it below. Rigged in the head booms, and sent the jibboom to the Navy Yard to have a new one made. Crew at work on rigging. Navy Yard workmen fitting propeller shaft.

Gale, 2 Guns, under the command of Captain D. C. Badger, U.S.N.
By order of the Captain, John W Prettyman, (Ldg.) was given three (3) extra night watches for disobedience of orders. Greatest force of tide two (2) knots.

Max. bar. for the day	30.32	Min. 30.07
Max. dry bulb ther.	64	Min. 50
Max. wet bulb ther.	55	Min. 46
Max force of wind	3	Min. 0

Forms of clouds. cum. nim. cir. circum.

Saturday, March 29, 1879.

Lisbon, Portugal.

Pleasant mathin, passing showers. Wind light to moderate from N.W. to W.S. Hoisted overboard 3rd cutter, and hoisted it at the davits. Commenced to tar down rigging. Received on board fresh water. Received on board stores in the Pay. Department. By order of the Captain released from confinement Thomas D. Whiteside (Fifer)
Greatest strength of tide 1.2 knots.

Max. bar. for the day	30.33	Min. 30.26
Max. dry bulb ther.	63	Min. 54
Max. wet bulb ther.	61	Min. 53
Max. force of wind	3	Min. 0

Forms of clouds cum. nim. cir. cirth. cumstr.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd

Sunday, March 30, 1879

Lisbon, Portugal.

Pleasant weather. Light variable airs and calm. At 10.15 a.m. muster and inspection at Quarters. Greatest strength of tide two (2) knots.

Max. bar for the day.	30.25	Min.	30.00
Max. dry bulb ther.	63	Min.	54
Max. wet bulb ther.	54	Min.	52
Max. force of wind	3	Min.	0

Form of clouds. cum. cumstr. nim.

Monday, March 31, 1879

Lisbon, Portugal.

Overcast and rainy most of the day. Struck buoys from the 5th and 7th first part of the day, hauling to the 7th and 7th towards night and cleaning in foren. Received fresh provisions for the crew. Received on board fresh water and stores in the Custom House Dept. Bent fore and main try sails. Danl Lyons (O.S.) and Robt. Brown (O.S.) left the dinghy without permission. At 9.30 A.M. inspected at Quarters. Greatest strength of tide one and one fifth knots (1.5) knots.

Max. bar for the day	29.96	Min	29.78
Max. dry bulb ther.	58	Min	56
Max. wet bulb ther	56	Min.	48
Max. force of wind	5	Min	0

Forms of clouds Nim. cum. Cumstr. Circum.

Sate, 2 Guns, under the command of Captain O.C. Badger, U.S.N.

Respectfully submitted,
John N. Jordan.
Cadet Midn.

Captain O.C. Badger, U.S.N.
Commanding U.S. Sailing Frigate Constitution.

Examined
O.C. Badger
Captain Commanding.

Tuesday, April 1, 1879.

Lisbon, Portugal.

Mathn generally pleasant with passing showers. Light- breze from the N^d and W^d with fresh squalls. At 9.30 a.m. mustrd at Quarters, and found Robert Kirton (A.S.) and Danl. Lyons (A.S.) absent without leave, both returned during the day, and by order of Lt. Comdr. Whiting were placed in double irons, for leaving ships boat without permission, while on duty; the former also for being drunk and disorderly. Also confined Gad. Rogers (A.S.) for interfering with the Mathn-at Arms. Our jibboom was fowrd alongside and hoisted in, the old one placed in the fore gangway and the new one rigged, and rigged out. The Portuguese Ironclad "Vasco de Gama" left the harbor and practiced firing at a target.

Max. bar for the day	30.09	Min.	29.93
Max. dry bulb thm.	57	Min.	47
Max. Wet bulb thm.	51	Min.	46
Max force of wind	5	Min.	0

Form of clouds. Nim. Cum. Cirrum.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Class.

Wednesday, April 2, 1829.

Lisbon, Portugal.

Mathn generally pleasant passing showers. Moderate to fresh breze from the N.E and W.N.W. Boat jib and flying jib and rigged out flying jibboom. Mustered at Quarters at 9.30 a.m. The English Royal Yacht "Asborne" came in. Sent an officer to tender the usual civilities. Hoisted American Ensigns at the fore and mizzen and an English Ensign at the main. At 12.05 P.M. a Portuguese Frigate fired a salute of 21 Guns with the Portuguese flag at the main, and at 1.45 P.M. she fired the same salute with the English flag at the main. At 2.33 the Royal Yacht hauled down the Royal Standard and ather masthead flags. At 2.35 P.M. the Portuguese man of war weighed and this vessel hauled down the masthead flags. Dock Yard workmen at work fitting a shackle in cultivator for a previous job. An American barquentine, on passing displayed her colors, the salute was returned. Greatest strength of tide 2.4 knots.

Max. bar. for the day	30.07	Min. 30.00
Max. dry bulb Ther.	56	Min. 51
Max. Wet bulb Ther.	54	Min. 49
Max. force of wind	6	Min. 1

Form of Clouds cum. nim. cirrus.

Thursday, April 3, 1829.

Lisbon, Portugal.

Pleasant mathn, passing showers. Moderate breze from the N.E and W.N.W.

2 Guns, under the command of Captain A.C. Badger, U.S. Navy.
Dockyard workmen at work fitting chocks in
outriggers. At 9.30 mustered at Quarters. An Officer
representing the Commander of the Yacht "Osborne" returned the official visit to that ship. Dockyard
workmen completed their work.

Max. Bar. for the day. 30.10 Min. 30.00
Max. dry bulb thm. 59 Min. 51
Max. wt bulb thm. 56 Min. 50
Max. force of wind. 4 Min. 0
Form of clouds cirrum. cum. nim. cumulo. str.

Friday, April 4, 1879.
Lisbon, Portugal.

Clear and pleasant. Light variable airs. Swinging to tide. Scraped top gallant masts and flying boom. By order of the Captain mustered from confinement Thos. R. McMahan (O.S.) Greatest strength of tide 3.2 knots.

Max. Bar. for the day 30.09 Min. 30.00
Max. dry bulb thm. 64 Min. 51
Max. wt bulb thm. 58 Min. 50
Max. force of wind 2 Min. 0
Forms of Clouds. cum. nim. cirrum. St. cumulo.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate.

Saturday, April 5, 1879.

Lisbon, Portugal.

Clear and pleasant. Calm and light variable airs. At 6.30 AM the Royal Yacht "Reborne" went to sea. At 9.30 mustered at Quarters. At 10.45 crossed topgallant yards. By order of the Captain, released Gnd. Rogers (O.S.) from double irons, and gave Frank Sullivan (Lds.) Extra duty for two nights from 8.00 to 12.00. Rigged in, and received 2nd and 3rd cutters for sea. Received fresh water on board. Greatest strength of tide 3.2 knots.

Max.	Bar. for the day	30.14	Min. 30.01
Max.	dry bulb Ther.	66	Min. 49
Max.	wet bulb Ther.	61	Min. 49
Max.	force of wind	2	Min. 0

Form of clouds. cumth. cum. circum.

Sunday April 6, 1879.

Lisbon, Portugal.

Overcast and cloudy, rainy latter part of day. Calm and light & moderate breeze during the forenoon, increasing to a moderate gale at close of day. At 10.15 mustered at Quarters, and the Captain inspected ship. At sundown sent down topgallant yards. Strength of tide 2.3 knots.

Max.	bar. for the day	30.11	Min. 29.78
Max.	dry bulb Ther.	60	Min. 54
Max.	wet bulb Ther.	59	Min. 53
Max.	force of wind.	7	Min. 0

Form of clouds. circum. cum. nim.

2 Guns. under the Command of Captain O. C. Badger, U. S. N.

Monday, April 7, 1879.

Lisbon, Portugal.

Overcast, raining, squally, first part of day, clearing latter part. Moderate gale from the Sa and Wa hauling to the Na and Wa and decreasing in force. Swinging between wind and tide. Greatest strength of tide 2.00 knots.

Max. bar. for the day	29.81	Min.	29.62
Max. dry bulb thm.	60	Min.	52
Max. wet bulb thm	57	Min.	49
Max. force of wind	8	Min.	3

Forms of clouds. nim. cum. circum.

Tuesday, April 8, 1879.

Lisbon, Portugal.

Weather generally pleasant. Passing showers. Fresh breze from the Na and Wa with very heavy squalls, hauling to the Sa and Wa and decreasing in force. At 9.30 A.M. mustered at Quarters. Dock Yard Tug came alongside with bills for recent repairs. Searched the ship thoroughly for three Apprentice Boys, deserters from the Portuguese Training ship, but found no trace of them. Greatest strength of tide 3.6 knots.

Max. bar. for the day	29.90	Min.	29.76
Max. dry bulb thm.	60	Min.	51
Max. wet bulb thm.	56	Min.	50
Max. force of wind	9	Min.	2

Forms of clouds. circum. cum. nim. cir. cirrh.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate

Wednesday, April 9, 1879.

Lisbon, Portugal.

Mather generally unpleasant squally, rainy, and passing showers. Wind fresh & light from W.S.W. to W.N.W. At 9.30 AM mustered at Quarters. At 9.45 AM. mustered Sick Quarters. All ready in 1m 45s. second in 1m 20s. Greatest strength of tide. 3.4 knots.

Max.	bar. for the day	29.77	Min.	29.66
Max.	dry bulb ther.	61	Min.	54
Max.	wet bulb ther.	60	Min.	54
Max.	force of wind	7	Min.	1

Form of clouds. Nim. Cum. Circum.

Thursday, April 10, 1879

Liston, Portugal.

Clear and pleasant, passing showers. Light to fresh breze from the N^a and W^d. Crossed topgallant Yards. At 9.30 AM. mustered at Quarters. Drilled Marine Guard at Manual. Released from confinement Dan'l Lyon (M.S) and Capt. Crohin (O.S.) The U. S. Consul visited the ship. Greatest strength of tide 3.0 knots.

Max.	bar. for the day	29.96	Min.	29.70
Max.	dry bulb ther.	63	Min.	52
Max.	wet bulb ther.	60	Min.	49
Max.	force of wind	5	Min.	1

Form of clouds. Nim. Cum. Circum.

Guns under the Command of Captain A. Badger, 26. 8th

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate,

No.	Knots	Course	Lee	Wind	Sea	Bar.	8 A.M. Ther.	Dry bulb	Wet bulb	Under water	Weather	Clouds	Sky	Sea
1	At Anchor			NW×N	1-2	2996	58	51	49		bc	cirrum. cum. nim	4	
2				"	1	2997	58	50	48		"	"	6	
3	off			"	1	2997	57	50	48		"	cirrum	5	
4				"	1	2998	57	49	47		"	"	7	
5	Lisbon,			NNW	1-3	2999	57	50	48		"	"	7	
6	Portugal.			N	1	2999	58	52	49		"	"	9	
7				"	2-3	3001	58	53	49		"	"	8	
8	Bearing out-			N×W	3-4	3003	57	54	49		"	"	8	
9	of Tagus River			"	3-5	3004	57	54	49		"	"	8	L
10	7 0	WbS		NNW	3-7	3005	57	55	50		bc q/s	cum nim	3	"
11	4 0	"		"	4-5	3007	57	56	51	58	bc	"	8	"
12	7 0	S×W		N×W	4-5	3009	57	56	51	58	"	"	8	"
1	1 5	WbS WbW	3/4	N.	4	3008	58	54	54	58	bc	cirrum cum	7	M
2	6 0	WbS 3 WbW 5	3/4	N×W	4-5	3011	59	51	51	58	"	"	6	"
3	4 0	WbW 7 2	3/4	"	4-5	3011	59	52	52	58	"	"	6	"
4	8 0	"	1/2	"	4-6	3011	58	53	53	58	"	"	7	"
5	7 4	"	1/2	"	4-5	3012	59	52	52	59	"	"	7	"
6	7 4	"	3/4	"	4-5	3014	59	51	51	59	"	"	4	"
7	7 6	WbN	1	NNW	5	3014	58	50	50	58	"	cirrum cum cumstr	7	"
8	7 4	W	3/4	"	5	3014	57	49	49	58	"	"	8	"
9	7 0	"	1/2	N×W	3-5	3017	56	49	49	58	"	"	9	"
10	6 0	WbN	1/2	"	3-4	3019	57	50	50	58	"	cum cumstr	9	"
11	5 0	"	1/2	"	3-4	3018	58	51	51	58	"	"	8	"
12	5 8	"	1/2	"	3-4	3017	58	51	51	58	"	"	4	"

Lat. at noon, Crars Bearings 38° 19′ 00″ N.

Long " " " " 9 43 00 W.

Distance run by log 23. miles.

Erie, under the command of Captain A.C. Badger U.S.N.

Friday, April 11, 1829.

Lisbon, Portugal; and "At Sea".

Weather clear and pleasant, with passing showers of rain about 10.30 A.M. Fresh breezes from the N.E. and N.W. with squalls. Unshackled from the buoy, and slipped at 7.15 A.M., having made sail to topgallant sails, beat down the Tagus River under charge of Pilot. At 9.00 A.M. hove to & discharged Pilot. At 10.30 unbent anchor chains. At 12. M. took departure Cape Espichel bearing (S.C.) E. by S. Cape Racha N.E. Bent fore and mizzen storm staysails and storm mizzen. Repaired hawse buckler that had been stove by sea. At Midnight, sail on ship, Comercio [illegible] Singh moped topsails, T.G.A. topgallant-sails. Fore topmast staysail.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate

Hr	Knots	Course	Leeway	Wind	Sea	Bar.	Therm.	Therm.	Therm.	Therm.	Weather	Clouds	Day's Work	Remarks
1	5	2 W of S	1/2	NNW	3-4	30 16	57	50	51	58	bc	Circum	4	S
2	4	4 W by S	1/2	NW	3	30 14	57	55	51	58	"	Cum. Nim.	2	"
3	4	2 SW by W 1/2 W	1/2	"	3	30 12	57	55	51	58	"	"	4	"
4	3	2 W by S 1/2 W	1/2	NW by N	2-3	30 11	57	55	51	58	"	"	7	"
5	4	0 "	1/2	"	3	30 10	59	56	52	59	"	"	3	"
6	4	0 "	1/2	"	3-2	30 14	59	56	51	59	"	Circum Cum. Nim	3	"
7	5	0 SW by W	1/2	NW by W	3	30 13	59	55	52	59	"	"	5	"
8	5	0 "	1/2	"	3	30 13	57	55	52	59	"	"	6	"
9	6	0 "	1/2	"	3	30 12	59	56	52	59	"	Circum Cumulo Cum	3	"
10	6	2 SW by S	3/4	NW by N	2-3	30 11	59	57	53	59	"	Circum Cum	4	"
11	4	6 SSW	3/4	W by N	1-2	30 09	59	57	54	58	"	Cum	1	"
12	7	5 "	3/4	"	2-4	30 06	58	57	53	59	oc d	Cum Nim	0	"
1	6	4 SW by S	3/4	NNW	3-4	30 04	59	57	53	59	bc	Circum	3	S
2	6	0 SSW 1/2 W	3/4	W by N	4	30 02	60	59	55	60	"	"	6	"
3	6	2 "	3/4	"	4	30 01	60	59	55	60	"	"	7	"
4	6	4 SSW 1/4 W	3/4	"	4	30 00	61	59	55	60	"	"	8	"
5	6	0 SSW	1/2	W	4	30 00	60	58	55	60	"	Cumulo Circum	7	"
6	6	0 SW 3/4 W	1/2	"	4	29 99	60	58	55	60	"	Cumulo	3	"
7	5	5 SSW	1/2	"	4	29 98	61	58	55	60	"	Cum Nim	1	"
8	6	0 SW 1/2 W	1/2	"	4	29 96	61	57	55	60	oc	"	0	"
9	6	2 S 1/2 W	1/2	WSW	4	29 95	61	59	56	60	bc	"	2	"
10	7	0 S 1/4 W	1/2	WSW	4-5	29 94	61	58	56	60	"	"	2	"
11	3	6 NW by N	1/2	"	5-3	29 91	61	59	56	60	"	"	4	"
12	3	6 NW	1/2	"	4	29 91	62	59	57	60	"	"	4	"

Lat. at noon	D.R.	36°	49′	51″	N
Long. " "	D.R.	11	46	12	
Lat " "	Obs	36	42	39	
Long " "	Chro. Am. Obs	11	56	48	
Long " "	Chro. Rm. Obs	12	03	22	
Distance sailed		143.1 Knots.			

2 Guns, under the Command of Captain O.C. Badger, U.S.N.

Saturday, April 12, 1879.

"At Sea".

Clear and pleasant. Moderate & fresh breezes from N.N.W. to W.S.W. Discovered three boys, stowaways, named Antonio Mendes, Joao Pedro Cardoza, and Jose Ferreira.

During the forenoon shook out reefs out of topsails, and set Mizzen topgallant-sail. Took in reef in topsails and furled Mizzen-topgallant sail during the second dog watch. Full and by on starboard tack until 6.30 P.M. when wore ship and stood close hauled on port tack. Sighted one sail and a steamer.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate.

Hr	Log	Course	Lee	Wind	Fm	Bar	Qrs	Qrs	Qrs	Qrs	Weather	Remarks	2nd Sky	Gun
1	3.0	NW	3/4	WSW	3-4	29.86	62	59	57	60	bcmq	Cum Nim	2	L
2	2.5	NW½N	3/4	"	4	29.84	61	59	57	60	ocmq	"	0	"
3	3.5	"	3/4	"	4	29.82	60	58	58	60	ocrq	"	0	"
4	2.0 0.5	NxE South	3/4	NW	1-2	29.79	60	57	56	60	ocm	Nim	0	"
5	2.0	SW½S	1/2	NNW	2	29.77	60	57	56	60	bc	"	1	"
6	4.4	WNWxS	1/2	"	2-3	29.76	59	57	56	60	"	Cum. Nim	2	"
7	4.4	SSW½W	1/2	NxN	3	29.75	59	57	56	60	"	"	2	"
8	6.0	"	1/2	"	4-5	29.75	57	56	55	61	bcqsp	"	2	"
9	5.6	SWxS	3/4	NNW	4	29.75	60	59	57	61	bcsp	"	4	M
10	4.5	SxW	3/4	WSW	3-4	29.76	60	60	58	61	bc	"	5	"
11	4.4	NWxN	1	NxS	3-4	29.75	62	60	58	61	"	"	6	"
12	4.4	NNW	1	"	3-5	29.75	61	60	59	61	bcsp	"	5	"
1	3.0	NxW	1½	WxN	3-6	2971	61	60	58	61	bcqr	Cum Nim	4	M
2	4.0	"	1½	W	3-5	2969	61	60	59	61	bc	"	5	"
3	3.5	NNW	1½	"	3-5	2965	62	60	58	61	"	"	8	"
4	2.0 1.5	NWxN SSW	1½	"	3-7	2963	61	59	57	61	bcqsp	"	3	"
5	3.4	SWxS	1½	WNW	6	2963	61	58	56	61	bcqr	"	7	"
6	4.0	SSW	1½	WxN	5-6	2964	61	59	56	61	bc	"	5	"
7	0.5 2.0	" NxW	1½	W	5-6	2964	61	60	56	61	"	"	7	"
8	2.5	"	2	"	6	2963	62	60	57	61	bcl	"	9	"
9	2.5	"	2	"	5-8	2963	59	60	56	61	bcqsp	"	4	"
10	2.5	"	2	"	4-7	2962	60	58	56	61	bcqr	"	7	"
11	2.5	"	2	"	4-7	2962	59	58	56	61	bcqsp	"	6	"
12	2.5	"	2	"	4-6	2962	60	58	56	61	"	"	5	"

Lat. at noon D.R. 35° 33' 32" N

Long. " " D.R. 12 07 42 W

Lat. " " Obs. 35 10 48 N

Long. " " Chro. 12 04 35 W

Distance run 116.5 Knots

2 Guns, under the command of Captain A.C. Badger R.C.L. 70

"At Sea."

Sunday, April 13, 1879.

Pleasant with passing showers. Moderate breeze, with very heavy squalls, from N.W. to W.S.W. At 1.00 A.M. ship under Courses, singled reefed topsails, foretopmast staysail, and jib At 10.15 A.M. inspected ship and crew at Quarters. By order of the Captain, confined Wm Emory (O.S.) in double irons for purloining vegetables, and Arthur Striker (P.M.) for neglect of duty on post. At 12.30 P.M. took second reef in topsails; in so doing carried away the roping in weather leech of main topsail. Unbent it and bent new topsail taking in two reefs. Discovered that the first band inside the sheave hole of the jibboom had set back upon the horses, put on two oak battens to keep it in place, and strengthen the horses. At 6.15 P.M. wore ship and stood on port tack close hauled. Clear reefed foresail

Journal of a cruise of the U.S. Sailing Frigate Constitution 3rd Rate,

From	Knots	Course	Leeway	Wind	Sea	Lat.	Min.	Long.	Min.	Sails	Weather	Events	Sky	Sea
1	2.5	N ½ W	4	N ½ E	4-6	29	61	58	57	56	61	bcq	cumm	5	M
2	1.6	N E	4	N E	4-6	29	60	58	56	56	61	"	"	5	"
3	2.0	W ½ S	2	W ½ S	2-6	29	62	58	52	55	61	"	"	5	"
4	3.7	W	2	W	3-6	29	63	58	55	53	61	"	"	5	"
5	3.3	"	1½	"	4-5	29	65	59	55	53	61	bc	cirrus	7	"
6	3.0	"	1½	"	3	29	68	59	56	53	61	"	"	7	"
7	2.4	"	1½	"	2-3	29	70	60	57	52	61	"	"	6	"
8	2.6	"	1½	"	2-3	29	73	60	57	52	61	"	"	6	"
9	4.0	W S W ½ W	1	N × W	2-3	29	75	59	57	53	61	"	"	7	"
10	4.2	W S W	1	N N W	3	29	77	60	58	53	61	"	"	6	"
11	4.6	"	1	N W × N	3	29	79	61	58	54	61	"	"	5	"
12	4.6	S W × W ½ W	1	N W	3	29	82	61	58	54	61	"	"	5	"
1	3 8	W S W	1	W W	3-5	29	81	66	58	54	61	bc	cirrus	5	M
2	3 5	"	1	"	3-5	29	82	60	57	54	61	bcp	"	3	"
3	3 8	W × S	1	W N W	3-3	29	82	60	58	54	61	"	"	3	"
4	3 8	W	1	"	3-5	29	83	60	57	54	61	bcpq	"	1	"
5	2 0	W ¼ N	1½	"	2-4	29	83	60	57	54	61	bcp	cumm	4	"
6	3 5	"	1	N W	2-4	29	84	60	57	54	61	bc	"	5	"
7	3 5	W	1½	"	2-4	29	86	60	57	53	62	"	cumulus	6	"
8	3 0	"	1½	"	3-4	29	88	60	57	53	62	"	"	7	"
9	3 0	"	1	"	2-2	29	90	60	57	53	62	"	cumm	7	"
10	3 0	"	1	"	2-4	29	91	60	57	53	62	"	"	7	"
11	2 2	"	1	"	2-3	29	92	61	57	53	62	"	"	8	"
12	3 0	"	1	"	2-4	29	94	61	57	53	62	"	"	6	"

Lat. at noon D.R. 35° 05' 33" N.
Long. " " D.R. 12 28 05 W.
Lat " " Obs 35 02 35 N.
Long " " Chro 12 37 15 W.
Distance run by Log 73.8 Knots

H.M.S. Sirius, under the command of Captain R.C. Bagot, R.N.

"At Sea".

Monday April 14, 1879.

Weather generally pleasant passing showers. Wind moderate to fresh from North to N.N.W. with squalls. Ship under Single reefed foresail, close reefed topsails fore-topmast staysail, mizzen staysail and storm mizzen.

Mustered at Quarters at 9.30 a.m. In shaking reef out of main topsail a reef pennant jambed and in clearing it cut maintopsail. Cleared down and repaired and then set sail again.

Journal of Cruise of the U. S. Sailing Frigate Constitution 3rd Rate

Hour	Knots	Course	Leeway	Wind	Sea	Run	Lat. Obs.	Lat. Ded.	Long. Ded.	Long. Obs.	Weather	Clouds	Sky	Sea
1	4	0	NW 3/4 S	3/4	NW×N	4	2990	59	56	52	62	be	Cum Nim	4	M
2	4	5	NW 1/2 S	3/4	NNW	4	2990	59	56	52	62	"	"	6	"
3	3	5	NW 1/2 N	3/4	N×W	4-2	2991	60	56	52	62	"	"	6	"
4	3	5	"	3/4	"	4-3	2993	60	56	52	62	"	"	6	"
5	3	8	"	1/2	"	3-4	2994	60	56	52	62	"	Cum Str.	6	"
6	6	2	"	1/2	"	4	2996	60	56	52	62	"	"	8	"
7	6	0	NW 1/4 S	1/2	NNW	4-5	2998	60	57	53	62	"	"	5	"
8	6	4	NW 1/2 S	3/4	"	4-5	3001	59	57	53	62	"	"	5	"
9	7	0	NW 1/4 S	1/2	N×W	4-5	3003	60	56	53	62	"	"	6	"
10	8	0	NW 1/4 N	1/2	N	5	3005	59	57	54	62	"	"	6	"
11	7	5	NW×N	1/4	"	5	3007	59	58	54	62	"	Cirro Cum Str	7	"
12	9	0	"	1/4	"	4-5	3009	60	58	54	62	"	"	6	"
1	7	0	NW×N	1/2	North	4	3009	61	59	55	63	be	Cum	6	S
2	7	5	NW SW 1/2 W		"	4	3011	61	58	54	63	"	"	6	"
3	8	0	"		"	4	3013	62	59	55	63	"	"	6	"
4	8	6	"		"	4	3015	61	60	55	64	"	"	7	"
5	8	4	"		"	4	3018	65	62	57	64	"	"	8	"
6	4	2	SSW 1/2 W		"	4	3018	63	60	55	64	"	"	8	"
7	3	2													
8	6	8	SSW		NNW	4	3021	63	58	54	63	"	Cirro Cum	8	"
9	6	0	"		"	4	3023	63	58	54	63	"	"	8	"
10	4	2	"		"	3-4	3025	63	58	54	63	"	"	7	"
11	5	8	"		N×W	3-4	3026	63	57	54	63	"	"	8	"
12	4	0	"		N	3-4	3027	62	57	54	63	"	"	9	"
1	5	0	NNW		N×E	3-4	3029	62	58	53	63	"	"	8	"

Lat. at noon D.R. 34° 04′ 00″ N.
Long. " " D.R. 14 27 00 W.
Lat. " " Obs. 33 49 00 N.
Long. " " Obs 14 27 00 W.
Distance run by Log

2 Guns under the Command of Captain O.C. Badger U.S.N.

Tuesday April 15, 1829.

"At Sea"

Clear and pleasant. Made sail
steering from N.E. to N.W.×N. Smooth sea.
Ship under courses, topsails, topgallant sails
and fore-topmast-staysail. Saw sail in
sight. At 6.00 P.M. made Porto Santo Island
bearing W½N (p.c.) Ship's head S.S.W. distant
about 40 miles. At 11.10 P.M. stood in for
Funchal.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate,

Hour	Knots	Miles	Wind	Lee	Wind	Bar.	Ther.	Ther.	Ther.	Ther.	Weather	Clouds	Sky	Lee
												Circum		S
1	4	5	N N W W		N N E	3	30 25	61	58	57	63	bc	Cum	
2	5	6	"		"	3-4	30 25	61	58	57	63	"	"	"
3	1	5	"		"	3	30 23	62	57	56	64	"	"	"
4	2	5	"		"	2	30 24	62	57	56	63	"	"	"
5	3	8	"		"	2-3	30 26	61	57	56	63	"	"	"
6	1	4	"		"	2-3	30 28	61	58	56	63	"	"	"
7	5	0	W x W		"	2-3	30 30	62	58	56	63	"	"	"
8	5	5	W N W 1/2 W		"	2-3	30 31	60	59	57	63	"	"	"
9	3	0	N x W		"	2	30 32	62	61	58	63	"	"	"
10	3	0	N W 1/2 W		"	2	30 34	64	65	60	63	"	"	"
11	3	0	S x W		North	2	30 35	64	65	60	63	"	"	"
12	4	6	"		"	2	30 34	63	62	59	64	"	"	"
		8	"		"	2						"	"	"
1	4	0	S x W		N	2	30 33	65	65	59	64	bc	circum	S
2	2	3/0	East		"	2	30 34	66	65	59	63	"	"	"
3	0	1	S S W		"	2	30 32	65	63	58	65	"	"	"
4	4	2	S W		"	2	30 33	65	63	58	65	"	"	"
5	2	0	"		"	2	30 33	65	63	58	64	"	"	"
6	1	4	W S W 1/2 W		"	1-2	30 33	66	61	57	64	"	"	"
7	2	2	W x S		"	1-2	30 32	64	61	57	65	"	"	"
8	1	6	"		N N E	1-2	30 33	63	61	57	65	"	"	"
9	3	0	N W 1/2 W		"	1-2	30 34	63	60	57	65	"	cum circum	"
10	3	0	"		"	1-2	30 34	62	60	56	65	"	"	"
11	3	0	"		"	1-2	30 35	62	60	56	65	"	"	"
12	3	0	"		"	1-2	30 34	62	60	56	65	"	"	"

Lat at noon D.R. 32° 41' 33" N

Long " " D.R. 16 18 55 W

Lat. " " Obs 32 31 50 N

Long " " Chro 16 14 55 W

Distance run by Log 128.7 Knots

Lima, under the command of Captain R. C. Badger U. S. N.

"At Sea".

Wednesday, April 16, 1829.

Clear and pleasant. Light breezes from the W.N.W. & North. Smooth sea. Under square sail to t'gallant sails, and fore topmast staysail. Sighted a sail during the night, hoist a green light in starboard gangway by order of Captain. Got a cast of the lead in 100 fathoms at 2.00 AM. Hauled up courses and braced aback the mainstaysail at 1.30 AM; filled away at 3.45 and set courses at Daylight made Madeira bearing SE by S½S and Porto Santo N W½W. Found a leak in the after head room. At 1.20 P.M. hauled by the wind on the port tack. At 1.50 P.M. tack up and stood S.S.W. By order Captain released from confinement Wm Emory (O.S.) and Adams Stiles (P.M.) and the stewards.

Journal of a Cruise of the U. S. Sailing Frigate Constitution

Hour	Knots	Course	Leeway	Wind	Sea	Bar	Ther.	Lee	Wea	Mag	Mathematicians	Clerks	2nd Sky	Rate Sea
1	3	WSW½W		NNE	1	30.32	62	60	56	63	bcz	Cum	8	S
2	5	"		"	1	30.30	63	66	56	63	"	"	9	"
3	0	"		"	0-1	30.28	63	60	56	64	"	"	9	"
4	0	"		"	0-1	30.29	63	59	56	64	"	"	9	"
5	0	"		"	0-1	30.30	64	58	56	63	"	Cum	9	"
6	0	"		"	0-1	30.31	64	59	57	63	"	"	9	"
7	0	"		"	0-1	30.32	64	59	57	65	"	"	9	"
8	0	"		"	0-1	30.33	63	60	57	65	"	"	9	"
9	0	"		"	0-1	30.33	63	61	59	65	"	"	9	"
10	0	"		"	1	30.34	66	65	60	65	"	"	8	"
11	5	"		"	0-1	30.34	67	65	62	65	"	"	7	"
12	0	"		"	0-1	30.34	67	67	64	65	"	"	8	"
1	0	WSW½W		NNW	0-1	30.31	66	63	60	67	bc	Circum	9	S
2	6	"		"	0-1	30.29	64	62	59	68	"	"	9	"
3	6	WSW		WNW	1-2	30.26	66	64	62	68	"	"	9	"
4	6	"		"	1-2	30.29	67	64	62	68	"	"	9	"
5	3	0		NW	1-2	30.29	67	65	62	67	"	"	9	"
6	4	0		"	2-3	30.29	65	63	62	67	"	"	9	"
7	4	0		NNW	2-3	30.30	65	62	61	66	"	Circum	9	"
8	4	2		"	2-3	30.32	65	61	60	66	"	"	9	"
9	4	2		"	2	30.32	66	61	60	65	"	"	8	"
10	4	2		"	2	30.32	66	62	61	65	:	Cum	6	"
11	3	0		"	2	30.32	66	62	61	65	:	"	4	"
12	3	5		"	2	30.32	60	62	61	65	:	"	4	"

Lat. at Noon D. R. 31° 52' 17" N.
Long " " D. R. 16 55 45 W.
Lat " " Obs. 31 51 13 N.
Long " " Chro 16 52 30 W.
Distance run

2 Guns, under the command of Captain R.C. Badger, U.S.N.

Thursday April 17, 1829.

"At Sea".

Clear and pleasant. Calm and light breze from the N.E. and W.N.W. South sea. Ship under plain sails to royals. Steering a course. Madeira and Porto Santo Islands in sight off the starboard quarter. Employed and exchanged Signals with Englishmen.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate,

Watch	Knots	Course	Leeway	Wind	Log	Bar	8 AM	12 M	4 PM	8 PM	Weather	Clouds	Sky	Sea
1	2	6	WSW	NNW	0-1	30.31	66	62	61	65	bc	Cum	"	S
2	2	0	"	"	0-1	30.30	66	62	61	65	"	"	1	"
3	2	0	"	"	0-1	30.29	66	62	61	65	"	"	1	"
4	2	4	"	"	0-1	30.28	66	62	61	65	"	"	1	"
5	2	5	"	"	0-1	30.27	66	62	61	65	"	Cir Cirstr	2	"
6	2	6	"	"	0-2	30.27	66	62	61	66	"	"	4	"
7	2	6	"	"	0-2	30.28	66	62	61	65	"	"	9	"
8	1	6	"	"	0-1	30.29	65	63	62	66	"	"	5	"
9	2	0	"	"	0-1	30.30	66	63	62	64	"	Cirstr Cu.Nim	2	"
10	2	0	"	"	0-1	30.31	67	65	64	66	"	"	4	"
11	2	5	"	"	0-1	30.31	67	66	66	67	"	"	6	"
12	3	5	"	"	0	30.31	67	67	66	67	"	"	4	"
1	3	0	WSW	NNW	1-2	30.29	66	64	64	68	bc	Cirrus	4	S
2	3	9	"	"	1-3	30.30	65	64	64	67	"	"	4	"
3	3	6	"	"	1-2	30.30	70	69	68	68	"	"	9	"
4	3	2	"	"	1-2	30.30	68	67	66	68	"	"	9	"
5	5	0	WSW½W	NWxN	2-3	30.28	67	66	66	67	"	Cirstr Cum	9	"
6	5	4	"	"	2	30.28	66	65	64	67	"	"	9	"
7	4	0	"	"	2-3	30.29	66	63	64	66	"	"	7	"
8	4	5	"	"	3	30.30	66	63	63	66	"	Cum	8	"
9	3	0	"	"	0-2	30.31	67	63	63	67	"	"	9	"
10	2	0	"	"	0-2	30.32	67	63	63	67	"	"	9	"
11	2	0	"	"	0-1	30.32	67	63	63	67	"	"	9	"
12	1	6	"	"	0-1	30.32	68	63	63	68	"	"	9	"

Lat. at noon D.R. 31° 0′ 5″6 N.
Long. " " D.R. 17 40 20 W.
Lat " " Obs. 30 53 26 N.
Long " " Chro. 17 40 10 W.
Distance run by Log.

2 Guns, under the command of Captain O.C. Badger, R.N. &c.

Friday April 18, 1829.

"At Sea".

Clear and pleasant. Calm and light breezes from the N.N.W. and N.W. by N.

Smooth sea. Under square sail to royals, jib, and fore-topmast-staysail.

Steering a course.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate

	Date		Course	Lee	Wind	Force	Bar.	Ther.	Wet	Dry	Max.	Weather	Clouds	Sky	Sea
1	1	6	W S W 1/2 W		N N W	0-1	30 30	67	64	64	67	Clear	Str Cir	9	S
2	1	6	"		"	0-1	30 28	67	64	63	67	"	"	9	"
3	1	7	"		"	0-1	30 26	67	64	63	67	Hz	Cirrhi Cir	8	"
4	1	7	"		"	0-1	30 26	67	64	63	67	"	"	5	"
5	1	0	"		"	0-1	30 27	67	64	63	67	"	"	7	"
6	1	0	"		"	0-1	30 29	67	63	63	67	"	"	7	"
7	1	0	"		"	0-1	30 30	67	64	64	67	"	"	6	"
8	0	0	no Steerage way		Variable	0-1	30 32	68	65	65	67	"	"	8	"
9	1	0	W S W 1/2 W		N W 1/2 N	1	30 33	67	67	66	67	"	Cumulus	9	"
10	1	0	S × W		"	1	30 33	67	66	66	67	"	"	9	"
11	1	4	"		W × S	1	30 31	67	65	65	67	"	"	9	"
12	1	8	S 1/2 W		"	1	30 29	66	64	64	68	"	"	9	"
1	3	5	S S W		W	1-2	30 30	67	65	65	69	Hz	Cirrus Cirrhi Cir	7	S
2	4	6	S W		W N W	2	30 30	68	67	66	68	"	"	7	"
3	4	5	W S W		N W	2-3	30 30	68	66	66	68	"	"	6	"
4	5	5	S W × W 1/2 W		"	2-3	30 30	69	67	65	69	"	"	6	"
5	7	0	W × S		N × W	3-4	30 29	68	66	66	68	"	"	6	"
6	6	8	"		"	3	30 28	67	65	66	67	"	"	7	"
7	7	4	"		N N W	3-4	30 27	67	65	65	67	"	Cirrus	7	"
8	7	5	"		"	2-4	30 28	68	65	65	67	"	"	6	"
9	6	0	"		"	2-4	30 30	68	65	65	67	"	"	7	"
10	5	2	"		"	2-3	30 30	68	64	65	67	"	"	9	"
11	4	7	"		"	2-3	30 29	66	64	65	67	"	"	9	"
12	5	0	"		"	2-4	30 28	66	64	65	67	"	"	7	"

Lat. at noon D.R. 30° 14′ 39″ N.
Long. " " D.R. 18 26 55 W.
Lat " " Obs. 30 04 50 N.
Long " " Chro 18 22 25 W.
Distance run

2 Guns, under the command of Captain A.C. Badger, U.S.N.

Saturday April 19, 1879.

"At Sea".

Clear, warm, and pleasant. Calm and light breeze from the N^a and W^d. Under plain sail & royals. At 9.00 mustered at Quarters. By order of the Captain Edward Splain (P.M.) was placed in confinement to await trial by Court Martial. A number of sail in sight. At 5.10 P.M. made the Island of Palma bearing SE by S 1/2 E.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate

Hour	Knots	Course	Lee	Wind	Force	Barn.	Therm.	Therm.	Therm.	Therm.	Weather	Clouds	Sky	Sea
1	3	8	N.8 W 1/2 W		N W by N	1-2	30 27	67	64	65	67	bc	Cir	8	S
2	3	8	"		"	2	30 26	67	64	65	67	"	"	6	"
3	3	0	"		"	1	30 25	67	64	65	67	"	"	4	"
4	5	0	N 5 W		N by W	1-3	30 25	69	64	65	67	"	"	5	"
5	4	6	"		"	1-3	30 27	69	64	65	67	"	"	5	"
6	4	3	"		"	1-3	30 28	69	65	65	67	"	"	7	"
7	4	6	"		"	2-3	30 29	68	65	65	67	"	"	6	"
8	5	3	"		"	2-3	30 29	67	65	66	67	"	"	6	"
9	5	2	"		"	3	30 29	67	66	66	67	"	"	7	"
10	5	2	"		"	3	30 29	68	66	64	67	"	"	9	"
11	5	0	"		"	3	30 29	68	67	66	67	"	Cirrus Str	9	"
12	4	0	S W by W 1/2 W		"	2-3	30 29	69	68	67	67	"	"	9	"
1	4	0	S W by W 1/2 W		N by W	2-3	30 29	68	67	66	68	bc	Cirrus Cir. Cum	9	S
2	4	6	"		"	3	30 28	70	69	69	69	"	"	9	"
3	5	0	"		"	3	30 28	72	70	68	69	"	"	9	"
4	5	6	"		"	3	30 28	72	70	69	69	"	"	9	"
5	6	0	"		"	3	30 26	71	69	68	69	"	Cum Nim	9	"
6	5	8	"		"	2-3	30 26	69	68	68	69	"	"	9	"
7	5	0	"		"	2	30 26	69	67	67	69	"	"	7	"
8	5	5	"		"	2-3	30 28	69	65	66	69	"	Cir	6	"
9	6	6	"		N N E	3	30 30	69	65	66	69	"	"	8	"
10	5	4	"		"	2-3	30 32	69	66	66	69	"	"	7	"
11	5	0	"		"	2-3	30 32	68	66	66	69	"	"	8	"
11 1/2	5	2	"		"	2-3	30 32	69	66	66	69	"	"	1-	"

Lat. at noon D.R. 28 46 08 N.
Long " " D.R. 19 58 12 W.
Lat " " Obs 28 33 48 N.
Long " " Chro 20 03 40 W.
Distance run by Log

2 Guns under the command of Captain A. C. Rodgers, U.S.N.

Sunday, April 20, 1879.

"At Sea"

Clear and pleasant Moderate
winds from N.W. & N. to N.N.E. Smooth Sea.
At 9.30 a.m. the Divisional
Officers inspected and mustered crew.
At 10.00 a.m. the Captain inspected
ship and crew at Quarters.
Several sail in sight. Steering
Course. Plain sail to royals.

Journal of a Cruise of Ha U. S. Sailing Frigate Constitution, 3rd Rate.

Hours	Knots	Fathoms	Course	Leeway	Wind	Force	Barr.	Ther.	Ther.	Ther.	Ther.	Weather	Clouds	Sky	Sea
1	3	8	NbW ½W		NNE	2-3	30 28	69	66	66	69	bc	cum cumstr	8	8
2	3	7	"		"	2-3	30 28	69	66	66	69	"	"	6	"
3	3	0	"		"	2-3	30 27	69	66	66	69	"	"	5	"
4	5	6	NbW		"	2-3	30 26	69	66	66	69	"	"	6	"
5	4	6	"		"	3	30 26	69	66	66	69	"	"	7	"
6	4	3	"		"	3	30 27	69	66	66	69	"	"	5	"
7	4	6	"		"	3-4	30 29	69	66	66	69	"	"	4	"
8	5	3	"		NExN	4	30 29	69	67	66	69	"	"	2	"
9	5	2	"		NE	4	30 30	68	68	68	69	"	"	1	"
10	5	2	"		"	4-5	30 30	69	69	68	69	"	Circum	1	"
11	5	0	"		"	4-5	30 30	71	70	68	69	"	"	2	"
12	4	0	"		"	4-5	30 29	71	71	68	69	"	"	3	"
1	4	0	NbW ½W		NE	4-3	30 29	71	70	67	69	bc	Circum	8	8
2	4	6	"		"	3-4	30 27	71	70	67	69	"	"	8	"
3	5	0	"		"	3	30 25	71	70	68	69	"	"	5	"
4	5	6	"		"	3	30 25	71	70	68	70	"	"	6	"
5	6	0	"		ENE	3-4	30 25	71	69	66	70	"	"	1	"
6	5	8	"		"	3-4	30 25	70	69	66	70	"	"	1	"
7	5	0	"		NExE	4	30 26	70	68	66	70	"	"	3	"
8	5	5	"		"	3-4	30 27	71	67	66	70	"	"	9	"
9	6	6	NxE		"	3-4	30 27	70	67	66	70	"	cum cumstr	9	"
10	5	4	"		"	3-4	30 29	70	67	66	70	"	"	5	"
11	5	0	"		"	4	30 29	70	67	66	69	"	"	5	"
12	5	2	"		"	4	30 28	70	67	66	69	"	"	6	"

Lat. at Noon D.R. 26 39 34 N.
Long. " " D.R. 21 45 33 W.
Lat. " " Obs. 26 42 40 N.
Long. " " Chro. 21 46 35 W.
Distance run by Log 142.2 Knots

Guns. under the command of Captain O.C. Badger, U.S.N.

Monday, April 21, 1879.

"At Sea".

Clear and pleasant.
Moderate breeze from the Nd and Ed.
At 9.30 A.M. mustered at Quarters, and afterwards exercised crew at divisional drills.
Ships boats shedding from port to starboard side.
Several sail in sight. Ship under plain sail & royals.

Journal of a Cruise of the U. S. Sailing Frigate Constitution, Ferd Rabe

	Knots		Course	Lee	Wind	Force	Bar.	Att. Therm.	Dry Bulb	Wet Bulb	Sympiesometer	Weather	Clouds	Sky	Sea
1	7	5	N×S		NE×E	4	30.26	70	68	66	69	bc	cm	4	S
2	8	5	"		"	4-5	30 23	71	68	66	69	"	"	5	"
3	8	0	"		"	4-5	30 22	71	68	66	69	"	"	6	"
4	8	0	"		"	4-5	30 21	71	68	66	69	"	"	6	"
5	7	8	"		"	4	30 22	71	67	65	69	"	"	6	"
6	7	2	"		"	4	30 25	71	67	65	69	"	cirrus	5	"
7	7	5	"		"	4	30 25	71	67	65	69	"	"	3	"
8	7	6	"		"	4	30 28	71	68	66	70	oc	"	0	"
9	6	6	"		"	4	30 28	71	69	67	70	"	cm	0	"
10	3 3/4	4	N½W		"	4	30 27	71	69	67	70	"	"	0	"
11	7	4	"		"	4	30 27	71	69	67	70	"	"	0	"
12	7	6	"		"	4	30 26	72	70	68	70	"	"	0	"
1	7	5	NNW		ENE	4	30 24	72	70	67	70	bc	cm cirrus	1	S
2	7	6	"		"	4	30 24	72	70	67	70	"	"	1	"
3	8	6	N×W		"	4	30 21	71	69	67	70	"	"	1	"
4	8	5	"		"	4	30 20	72	69	67	70	"	"	2	"
5	8	5	"		"	4	30 19	71	69	67	70	"	cirrus	3	"
6	9	0	"		"	4-5	30 19	70	69	67	70	"	"	3	"
7	9	2	"		"	4-5	30 21	71	68	67	70	"	cirrus	1	"
8	7	8	"		"	4-5	30 21	72	68	67	70	"	"	2	"
9	9	0	NNW		"	4-5	30 23	73	68	65	70	"	"	3	"
10	8	4	"		"	4-5	30 26	73	67	66	70	bc/p	"	1	"
11	8	0	"		"	4-5	30 23	72	67	67	70	"	"	3	"
12	9	5	"		"	5	30 21	71	66	66	70	"	"	2	"

Lat. at noon D.R. 24° 5' 0" 49" N.
Long. " " D.R. 24 25 26 W.
Lat " " Obs 25 09 15 N.
Long " " Obs 24 17 27 W.
Distance run by Log. 174.4 Knots

Enno, under the command of Captain O.C. Badger, U.S.N.

"At Sea."

Tuesday, April 22, 1879.

Clear pleasant, and warm passing showers of rain about 10.00 A.M. Strait bring from N.E. & E.N.E.

At 9.30 A.M. mustered at Quarters and Exercised at divisional drills. At 10.00 A.M. set jib as a lower studding sail. Signal sail in sight. Ship under plain sail & royals and lower studding sail.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate

Hour	Knots	Course	Lee	Wind	Force	Bar.	Ther.	Ther.	Ther.	Ther.	Weather	Clouds	Sky	Lee
1	8	5	WNW	ENE	4-5	30 21	71	66	66	70	oc	cum.nim	0	8
2	6	5	"	"	3-4	30 20	72	67	66	70	ocd	"	0	"
3	9	0	"	"	4-5	30 20	72	67	66	70	ocrd	"	0	"
4	7	5	"	"	4	30 19	72	67	67	70	oc	"	0	"
5	6	4	"	ESE	3-4	30 18	71	67	66	70	bc	"	2	"
6	6	0	"	"	3-4	30 19	72	67	65	70	"	"	2	"
7	5	2	"	"	2-3	30 19	71	68	65	71	"	"	3	"
8	5	2	"	"	2-3	30 20	70	68	66	71	bcp	"	4	"
9	6	0	"	East	2-3	30 20	71	70	68	71	bc	"	7	"
10	5	6	"	"	2-3	30 20	72	70	68	71	"	"	8	"
11	6	0	"	"	3	30 20	73	72	69	71	"	"	8	"
12	6	5	"	"	2	30 19	73	72	70	71	"	"	6	"
1	6	0	WNW	E	2-3	30 17	75	74	71	72	cm	cum.nim	3	8
2	5	0	"	"	2-3	30 14	72	72	70	72	bcp	"	2	"
3	5	0	"	ESE	2-3	30 14	73	72	70	72	bc	"	7	"
4	5	4	"	ExS	2-3	30 13	73	71	69	72	"	"	4	"
5	6	0	"	ESE	3	30 12	72	71	69	71	"	"	3	"
6	6	0	"	"	3	30 13	71	71	68	71	"	"	2	"
7	6	0	"	"	3	30 15	71	70	67	71	oc	"	0	"
8	7	4	"	SExE	3-4	30 17	71	70	66	71	bc	"	3	"
9	4	5	WNW½W	S	3	30 19	74	71	67	71	"	"	2	"
10	7	0	"	SxE	4	30 19	73	70	68	71	"	"	2	"
11	7	0	"	SSE	3-4	30 20	73	70	67	71	"	"	2	"
12	7	5	"	"	4	30 20	73	70	66	71	"	"	1	"

Lat. at noon D.R.
Long. " " D.R.
Lat. " " Obs.
Long. " " Chro
Distance run by Log

2 Guns, under the command of Captain O. Badger, U.S.N.

Wednesday, April 29, 1829.

"At Sea".

Warm and pleasant. Partially overcast. Wind light from ENE to S.

At 9.30 AM. employed at Quarters, and afterwards exercising at divisional drills. Steering a course. All plain sail to royals. One sail in sight ahead.

Journal of a cruise of the U. S. Sailing Frigate Constitution 3rd Rate

Hour	Knots	Course	Leeway	Wind	Force	Bar.	Ther.	Ther.	Ther.	Ther.	Weather	Clouds	Sea	Swell
1	6	6	N N W ½ W	S S E	3	30 18	73	70	66	71	bc	cum cirrst	1	S
2	6	6	"	"	3-4	30 17	73	70	66	71	oc	"	0	"
3	5	4	"	"	1-3	30 16	73	70	66	71	"	"	0	"
4	4	6	"	"	2	30 16	73	70	66	71	"	"	0	"
5	4	6	"	"	2	30 16	73	70	67	71	"	cum nim	0	"
6	4	2	"	"	2	30 18	72	69	67	71	bc	cirrst.	2	"
7	4	5	"	"	2	30 18	71	69	66	72	oc	cum nim	0	"
8	4	0	"	"	1	30 19	71	70	66	72	"	"	0	"
9	2	7	"	"	1	30 20	73	71	67	72	"	"	0	"
10	2	7	"	"	2	30 21	74	73	68	72	bc	circum cum	1	"
11	1 2	0 5	N × N	S E	2	30 21	75	75	69	72	"	"	2	"
12	4	0	"	"	2	30 21	77	77	71	72	"	"	5	"
1	4	2	N × N	E S E	2-3	30 20	77	75	71	72	bc	circum cum	6	S
2	4	7	"	"	2-3	30 20	77	74	70	72	"	"	3	"
3	5	0	"	E × S	2-3	30 19	76	74	70	72	"	"	3	"
4	6	2	"	S E	2-4	30 19	74	73	70	72	"	"	2	"
5	5	5	"	E × S	2-3	30 16	73	71	69	72	"	cirrst	4	"
6	5	0	"	"	2-3	30 26	73	71	69	72	"	"	4	"
7	4	5	"	"	2	30 22	73	71	68	72	"	"	2	"
8	3	8	"	"	2	30 23	73	71	68	72	"	"	2	"
9	4	6	"	"	2-3	30 23	72	71	70	72	"	cirrst	3	"
10	6	6	"	"	3	30 23	75	72	70	72	bcl	"	4	"
11	6	4	"	"	3	30 24	75	71	70	72	bc	cum nim	4	"
12	6	4	"	"	3	30 24	75	71	70	72	"	cum	6	"

Lat. at noon D.R. 34° 04′ 00″ N.
Long. " " D.R. 14 27 00 W.
Lat " " Obs. 33 49 00 N.
Long " " Chro. 14 27 00 W.
Distance run by Log

Guns, under the command of Captain A.C. Badger, U.S.N.

Thursday April 24 1879

"At Sea".

Pleasant and warm. Overcast part of the day. Lightning about 10.30 P.M. Mustangs from the 2d and 3d.

At 9.30 A.M. mustered at Quarters and afterward exercised at divisional drills Shifting a course. Plain sail to royals Sun sail in sight ahead.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate,

Hour	Knots	Course	Leeway	Wind	Force	Bar.	Ther.	Wet	Dry	Weather	Clouds	Sky	Lee
1	6 6	W×N		ESE	4	30 22	73	68	70	72	bc	cum nim	2	S
2	6 0	"		"	4-3	30 21	74	68	71	72	"	"	3	"
3	4 5	"		"	3	30 20	73	69	71	72	"	"	4	"
4	5 0	"		E	3	30 18	73	69	69	72	"	"	4	"
5	4 6	"		"	1-3	30 19	73	69	69	72	"	cum	7	"
6	4 5	W N W		ENE	2-3	30 20	73	68	68	72	"	cum nim	6	"
7	4 6	"		"	2-3	30 22	73	69	69	72	"	"	2	"
8	5 6	"		"	2-3	30 22	73	68	68	72	"	"	1	"
9	6 0	"		"	2-3	30 22	73	69	69	72	"	cum cir	3	"
10	5 6	"		E×N	2-3	30 23	74	71	71	72	"	"	4	"
11	6 7	"		"	2-3	30 23	75	70	70	72	"	"	6	"
12	6 0	"		ESE	3	30 22	76	72	72	72	"	"	9	"
1	4 6	W N W		ESE	2-3	30 22	77	74	74	72	bc	cirro cum str. cum	9	S
2	4 4	"		"	2-3	30 22	76	73	73	72	"	"	9	"
3	5 4	"		"	2-3	30 21	75	70	70	72	"	"	9	"
4	5 6	"		"	3	30 20	73	70	70	73	"	cumstr cirstr.	9	"
5	5 5	"		"	3	30 20	74	69	69	73	"	cum	9	"
6	5 6	"		"	3	30 20	73	69	69	73	"	"	9	"
7	6 0	"		E×S	3	30 22	74	69	69	73	"	"	7	"
8	6 0	"		E	3	30 22	74	68	68	73	"	"	7	"
9	7 0	"		E×S	3	30 22	74	68	68	73	"	"	6	"
10	6 7	"		"	2-3	30 23	74	68	68	73	"	nim cum	8	"
11	6 8	"		"	2-3	30 24	75	68	68	73	"	"	4	"
12	5 4	"		"	2	30 24	75	68	68	73	"	"	4	"

Lat. at noon D.R. 24° 21′ 0″ N.
Long. " " D.R. 32 13 51 W.
Lat. " " Obs. 24 22 00 N.
Long. " " Chro 32 20 45 W.
Distance run by Log

Guard, under the command of Captain R.C. Badger, R.N. &c.

Friday, April 25, 1829.

"At Sea".

Clear and pleasant. Moderate breezes from E.S.E. to E.N.E.

Mustered at Quarters at 9.30 a.m. and afterwards exercised at Gun Quarters Stowing a Course. Plain sail to royals & jib as known studding sail. One sail in sight from the topsail yard, one painted on the port bow.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 2nd Rate,

	Knots	Course	Lee	Wind	Force	Bar	Cast	Noon	Fore	Lee	Weather	Clouds	Sea	Lee
1	6.0	NNW		ESE	2-3	30.21	74	70	68	73	bc	cum nim	5	S
2	4.0	"		ExS	2	30.19	74	70	67	73	"	"	3	"
3	3.8	"		"	2	30.19	74	70	67	73	"	"	2	"
4	4.4	"		"	2-3	30.19	74	70	67	73	oc	"	0	"
5	4.3	"		ESE	2	30.20	74	70	67	73	bc	cum cumulus	1	"
6	5.0	"		"	2-3	30.20	74	69	67	73	"	"	1	"
7	5.0	"		"	2-3	30.20	73	69	67	73	bc	"	0	"
8	4.7	"		"	2-3	30.20	72	69	67	73	"	"	6	"
9	4.5	"		ExN	2-3	30.20	73	71	69	73	"	"	0	"
10	3.5	"		"	2	30.20	74	72	69	73	"	"	0	"
11	4.0	NNW½W		ENE	1-2	30.20	75	74	70	73	bc	cum	2	"
12	2.6	"		"	1-2	30.20	77	78	73	74	"	cumulus	6	"
1	2.4	NNW¼W		ENE	1	30.20	78	79	74	74	bc	cum cirrus	7	S
2	2.6	NNW½W		"	1-2	30.17	76	75	74	74	"	"	7	"
3	2.2	NNW¾W		NNE	2-3	30.16	75	72	69	74	"	"	6	"
4	5.0	"		"	2	30.15	74	72	69	74	"	"	6	"
5	5.0	"		"	2-3	30.15	74	72	70	74	"	"	3	"
6	5.0	"		"	2-3	30.14	74	72	69	74	"	cirrus cumulus	2	"
7	4.5	"		NExN	2-3	30.14	75	71	68	74	"	"	3	"
8	3.8	"		"	2	30.16	75	71	68	73	"	"	5	"
9	3.2	"		NE	1-2	30.18	75	72	69	73	"	"	7	"
10	3.5	WxN		"	1-2	30.18	75	72	69	73	"	"	6	"
11	4.2	"		"	2	30.17	75	72	69	73	"	"	4	"
12	3.6	"		"	1-2	30.17	75	72	69	73	"	"	2	"

Sat at Noon DR 24° 22′ 28″ N
Lond " " DR 34 31 05 W
Obs " " Obs. 24 20 33 N
Long " " Obs 34 32 09 W
Distance nm

2 Guns, under the command of Captain A.C. Badger, U.S.N.

Saturday, April 26, 1829.

"At Sea."

Warm and pleasant, over cast part of the day. Moderate breeze from N.N.E. & E.S.E.

Several sail in sight, a Barquentine passed astern of us bound to the Sd.

Steering a course, under plain sail & royals, and lower starboard studding sail.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate.

	Knots	Course	Leeway	Wind	Force	Bar.	Max Temp	Min Temp	8 AM	4 PM	Weather	Clouds	Sails	Sea
1	5	0	N×W	ENE	2-3	30.14	75°	12	70	73	be	cum	8	S
2	4	0	"	E×S	1-2	30.14	75	71	69	74	"	"	7	"
3	3	8	"	"	1-2	30.14	76	71	68	74	"	"	7	"
4	4	8	"	E×N	1-2	30.14	76	71	68	74	"	"	9	"
5	3	5	"	E	1	30.14	76	71	68	74	"	"	7	"
6	4	5	"	ENE	1-2	30.14	75	71	69	73	"	cum str	6	"
7	4	5	"	E	2	30.16	73	71	69	73	"	"	7	"
8	4	4	"	ENE	2	30.16	73	71	69	73	"	"	7	"
9	4	0	"	E	1-2	30.17	74	72	70	73	"	"	4	"
10	4	5	"	"	1-3	30.19	76	75	74	74	"	"	8	"
11	3	6	"	"	1-2	30.18	78	76	71	74	"	cum	9	"
12	4	4	"	"	1-3	30.19	78	78	73	74	"	"	9	"
1	4	2	NNW½W	E×S	2	30.16	78	79	73	74	be	cu-cum	9	S
2	3	8	"	"	2	30.15	76	75	71	74	"	"	9	"
3	3	2	"	"	1-2	30.14	75	74	70	74	"	"	9	"
4	2	6	"	"	1-2	30.12	75	73	70	74	"	"	8	"
5	3	0	"	"	1-2	30.12	74	73	70	74	"	"	6	"
6	3	5	"	"	1-2	30.12	74	72	70	74	"	"	8	"
7	3	5	"	E×N	1	30.13	75	71	69	74	"	"	8	"
8	4	0	"	"	1	30.14	75	71	69	74	"	"	1	"
9	2	8	"	"	1	30.14	75	71	69	74	"	"	5	"
10	3	5	"	E×S	1-2	30.14	75	71	69	74	"	"	6	"
11	4	2	"	E	2	30.14	74	71	69	74	"	cum	6	"
12	4	0	"	E×N	1	30.14	74	70	69	74	"	"	5	"

Lat. at noon D.R. 24° 08' 16" N
Long " " D.R. 36 17 35 W
Lat " " Obs. 24 01 31 N
Long " " Chro. 36 24 22 W
Distance nm

Guns, under the Command of Captain A.C. Badger, U.S.N.

Sunday, April 27, 1879.

"At Sea".

Clear warm and pleasant
Light breeze from E.N.E. to E.x.S.
At 9.35 a.m. the Divisional
Officers inspected and mustered the
Divisions. At 10.10 a.m. the Captain
inspected ship and crew at Quarters
Several sail in sight. Under
plain sail & royals.

Journal of a Cruise of The U. S. Sailing Frigate Constitution, 3rd Rate,

	Hours	Knots	Courses	Leeway	Wind	Sea	Bar	Th	Ex	Mg	Sun	Weather	Clouds	Sky	Sea
1	3	0	WNW½W	8	ENE	1-2	30 14	74	71	69	74	bar	cum	4	S
2	3	0	"		"	1-2	30 13	74	71	69	74	"	"	3	"
3	3	0	"		"	1-2	30 13	74	71	69	74	"	"	2	"
4	4	0	"		"	1-2	30 13	74	71	69	74	"	"	3	"
5	3	5	"		E	2	30 08	72	71	69	74	oc	cir cum	5	S
6	3	0	"		"	1-2	30 08	72	69	68	74	"	"	3	"
7	3	0	"		"	1-2	30 09	72	70	68	74	"	"	7	"
8	3	2	"		"	1-2	30 11	73	71	69	74	"	"	6	"
9	3	8	"		SE	1-2	30 12	74	72	70	74	"	cirum	5	S
10	3	2	"		"	2	30 12	74	73	70	73	"	"	6	"
11	3	2	"		"	2	30 12	74	73	71	73	"	"	4	"
12	3	8	"		"	2	30 12	74	75	72	73	"	"	3	"
1	4	0	WNW¾W		S	1-2	30 11	75	75	72	76	bc	cir cum	6	S
2	1	5	WxN		SxW	1-2	30 10	75	76	73	76	"	"	8	"
3	2	5	W½W		"	1-2	30 09	75	75	72	76	"	"	4	"
4	2	6	"		S	1-2	30 07	76	74	68	76	"	"	4	"
5	1	5	"		"	1	30 07	76	74	68	75	"		6	"
6	1	5	"		SxW	1	30 08	74	74	68	76	"	cum	5	"
7	6	2	Wnbs		S	0	30 10	75	74	66	75	oc	"	0	"
8	0	5	"		SE	0-1	30 13	75	72	66	75	oc	"	3	"
9	1	5	"		"	0-1	30 13	75	72	66	75	"	"	3	"
10	1	5	"		"	0-1	30 12	75	72	66	75	"	"	2	"
11	2	5	"		SSE	0-1	30 12	75	72	66	75	"	"	2	"
12	2	5	"		S	1-2	30 12	74	72	66	75	"	"	4	"

Lat at noon D.R. 23° 56' 5" N.
Long " " D.R. 37 58 46 W.
Lat " " Obs 23 5.9 20 N.
Long " " Chro. 37 56 36 W.
Distance mm

2 Guns, under the command of Captain A.C. Badger, U.S.N.

Monday, April 28, 1879.

"At Sea."

Pleasant and hazy.
Light breeze and calm from
E.N.E. to S. Boisterous steady.
At 9.30 a.m. mustered
at Quarters, and afterwards
Exercised at divisional drills.
Land in sight from the N.W. ship
rolling easily. Several sail in sight
ships under plain sail to ports.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate,

	Hours	Knots	Course	Leeway	Wind	Force	Bar.	Max Temp	Min Temp	Wet Bulb	Dry Bulb	Weather	Clouds	Sky	Sea
1	2	5	West		South	1	30 11	74	72	67	75	hc	cum circum.	5	5
2	2	5	"		"	1	30 11	73	72	66	75	"	"	7	"
3	3	0	"		"	1-2	30 10	73	72	66	75	"	"	9	"
4	3	6	"		"	1-2	30 08	73	72	66	75	"	"	9	"
5	3	0	"		"	1-2	30 08	74	71	66	75	"	"	7	"
6	3	2	"		"	1-2	30 11	72	71	66	75	"	"	6	"
7	3	8	"		"	2	30 12	72	71	66	75	"	"	3	"
8	4	2	"		"	2	30 12	73	72	67	75	"	"	2	"
9	4	2	"		SSW	2	30 12	74	72	68	75	"	Circum	5	"
10	4	0	"		"	2	30 12	74	73	68	75	"	"	6	"
11	4	0	WxN		SWxW	2	30 13	74	74	68	75	"	Circum Nim.	4	"
12	2	0	"		W	1-2	30 13	74	74	70	75	"	"	5	"
1	1	0	S		WSW	0-1	30 11	75	74	69	75	hc	Circum cum nim	0	S
2	2	2	SxW		W	0-1	30 10	75	74	69	76	"	cum circum	0	"
3	2	6	SSW		"	0-1	30 10	75	74	70	76	"	"	0	"
4	1	2	S		WSW	0-1	30 10	75	74	69	76	hc	"	1	"
5	0	6	SWxW		WNW	0-1	30 10	74	73	69	75	"	cum nim	1	"
6	1	5	"		NW	0-1	30 10	73	72	68	75	"	"	2	"
7	2	5	SWxW½W		NWxW	0-1	30 11	74	72	69	75	"	cumstr. cum. Str.	2	"
8	1	5	SW		NNW	0-1	30 13	75	72	69	75	"	"	1	"
9	1	5	WxS		"	0-1	30 13	74	72	69	75	"	"	1	"
10	1	0	WNW		N	0-1	30 13	74	72	69	75	"	cum. Nim	1	"
11	1	0	W		NxE	0-1	30 13	74	72	69	75	"	Circum	5	"
12	0	8	"		"	0-1	30 14	74	72	69	75	"	"	2	"

Lat at noon D.R. 23° 40′ 09″ N

Long " " D.R. 39 02 16 W

Lat " " Obs. 23 49 26 N

Long " " Chro. 38 59 10 W

Distance run by Log 63.2 knots

Ems, under the command of Captain A.C. Badger, U.S.N.

Tuesday, April 29, 1829.

"At Sea."

Clear and pleasant most of the day overcast between noon and 3.00 PM. Light breeze from S and the Sa and Wa during the forenoon. During the afternoon the wind gradually hauled to the Na as far as NxE. Long swell from the northward.

At 3.30 PM. exchanged colors with a Spanish barque, and an English ship Made signal B.P.F. which was answered by the English ship making B.P.H.M.T.B.2C.D. By order of the Captain Edward Hoskins (P.M.) from Continued

During a calm during the forenoon, Hull and by, during the afternoon. Main sail & royals until 11.00 AM. when took in royals and flying jib.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate,

Hrs	Knots	Course	Leeway	Winds	Sea	Bar	Ther	Ther	Ther	Ther	Weather	Clouds	Sea	Swell
1	0	0	No Steerage	Calm	0	30 12	73	71	69	75	bc	Cir. nim circum	3	8
2	0	0	way	"	0	30 11	74	71	69	75	"	"	1	"
3	1	6	W×S	E	1	3009	74	71	69	75	"	"	1	"
4	2	6	"	"	1	3009	74	71	70	75	"	cumu nimu	1	"
5	3	8	"	E	1	3010	74	71	70	75	bc/p	"	1	"
6	5	0	"	"	2	30 12	74	71	70	75	bc	"	2	"
7	4	8	"	"	1-2	3013	73	71	69	75	"	circum cum. nim	4	"
8	4	5	"	SE	1-2	3014	72	71	69	75	"	circum cum	3	"
9	1	2	W	"	0-1	30 16	75	73	71	75	"	"	8	"
10	1	2	"	E	0-1	30 16	76	75	72	75	"	"	9	"
11	1	8	"	"	0-1	30 16	77	76	72	76	"	"	8	"
12	1	8	"	E×N	0-1	3016	78	77	73	76	"	cum nim	8	"
1	3	5	W	NE×N	0-1	3015	76	79	72	76	bc	cum nim	7	S
2	4	8	"	"	1-3	3013	75	74	71	76	"	"	7	"
3	3 1/2	2	W½N W×N	"	3	3011	75	73	71	76	"	cumu cumulo	7	"
4	6	0	"	"	3	30 11	75	73	71	76	"	Cumu cumu	9	"
5	6	5	"	"	3	30 12	74	73	71	76	"	cumulo	7	"
6	3 3	4 2	W N W	"	3	30 12	74	73	71	76	"	"	7	"
7	6	2	"	"	3-4	30 15	74	72	70	75	"	"	8	"
8	6	0	"	"	3-4	30 15	74	72	70	75	"	circum cumu	9	"
9	6	4	"	"	3-4	30 15	74	72	70	75	"	Circum	8	"
10	6	4	"	"	3-4	30 16	74	72	70	75	"	"	8	"
11	6	4	"	"	3-4	30 16	74	72	70	75	"	"	8	"
12	6	5	"	"	3-4	30 17	74	71	69	75	"	"	9	"

Lat. at noon D.R. 23° 22′ 05″ N.
Long. " " D.R. 39 30 50 W.
Lat " " Obs. 23 21 01 N.
Long " " Obs. 39 35 48 W.
Distance run by Log. 44.0 knots

2 Emos, under the command of Captain A.C. Badger, U.S.N.

Wednesday April 30, 1829.

"At Sea."

Clear and pleasant, passing showers of rain between 4.00 + 5.00 a.m. Calm, and light to moderate breezes from North to South East. Smooth Sea.

Signalled with a Spanish barque during the morning watch. She was bound to Santiago de Cuba; asked our Lat. & Long. which was given her.

At. 9.30 A.M. mustered at Quarters and afterwards Exercised at divisional drills. By order of the Captain confined John Commons (Sea) and Wm E. Champion (P.M.) in double irons, the former for removing water from the scuttle-butt, and the latter for neglect of duty as past. Several sail in sight during the day. Steering a course. Under plain sail to royals, and jib as lower studding-sail.

Respectfully Subt.,
John N. Jordan,
Cadet-Midn.

Captain A.C. Badger, U.S.N.,
Commanding U.S.S. Constitution.

Examined
A.C. Badger
Captain Commanding

Journal of a cruise of the U. S. S. Constitution, 3rd Rate, 2 Gun

Hrs	Knots	Course	Lee	Wind	Force	Bar					Weather	Clouds	Sky	Sea
1	5.5	WNW		NE×N	3	30.16	73	71	69	75	&c	cir cum	9	S
2	5.0	"		"	3	30.13	73	71	69	75	"	"	9	"
3	4.5	"		"	2-3	30.12	73	71	69	75	"	"	9	"
4	4.5	"		"	2-3	30.12	73	71	69	75	"	"	9	"
5	5.6	"		"	3	30.12	73	71	69	75	"	cum	9	"
6	5.6	"		"	2-3	30.13	73	71	69	75	"	"	8	"
7	5 0	"		"	3	30.15	73	72	70	75	"	"	9	"
8	4.5	"		"	2-3	30.17	73	72	70	75	"	"	9	"
9	1.0 3.0	"		WNW ¼W	NE	2-3	30.17	74	73	70	75	"	"	9	"
10	3.5	"		E×N	2-3	30.18	75	74	71	76	"	"	9	"
11	4.0	"		ENE	2-3	30.18	75	74	71	76	"	"	8	"
12	4.4	"		NE×E	3	30.18	76	76	72	76	"	"	8	"
1	4.2	WNW ¼W		ENE	2	30.16	77	76	72	76	&c.			
2	4.5	"		"	2	30 15	76	74	71	76	"			
3	4.0	"		"	2	30 12	76	74	71	76	"			
4	4.0	"		"	2	30 12	75	73	71	76	"			
5	3.5	"		"	2-3	30 13	75	73	71	76	"			
6	3.6	"		"	2-3	30 14	75	73	71	76	"			
7	3.6	"		ESE	2-3	30 14	75	73	71	76	"			
8	4.0	"		"	2	30 14	75	72	71	75	"			
9	4.0	"		"	2	30 14	74	72	71	75	"			
10	4.4	"		"	2-3	30 16	74	72	71	75	"			
11	5.0	"		"	2-3	30 17	73	72	71	75	"			
12	4.5	"		"	2-3	30 17	73	72	71	75	"			

Lat. at noon D.R. 23° 18′ 28″ N.
Long. " " D.R. 41 53 58 W.
Lat " " Obs. 23 15 42 N.
Long " " Chro. 41 50 20 W.
Distance run by log

under the command of Captain T. A. Baagn U.S.N.

May 1st 1879.

"At Sea."

Clear and pleasant.
Light variable wind from NE to ESE
Barometer steady

At 9.30 a.m. mustered crew at Quarters. afterwards exercised at divisional drills.

Several sail in sight during the day, passed quantities of seaweed.

Steering a course under plain sail & topgallantsails.

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns

Hour	Knots	Course	Lee	Wind	Force	Bar.	Ther.	Ther.	Ther.	Ther.	Weather	Clouds	Clouds	Sea
1	3.5	WNW 1/2 W		East	1-2	30.16	74	73	72	75	be	Cum	7	S
2	2.8	"		"	1-2	30.14	74	73	72	75	"	"	6	"
3	3.0	"		"	1-2	30.12	74	73	72	75	"	Cum Nim	2	"
4	3.5	"		Var.	1-2	30.10	74	72	72	75	oep	"	0	"
5	4.5	"		N	2-3	30.11	74	72	71	74	be	"	2	"
6	3.5	"		NNE	1-2	30.12	74	72	71	74	"	"	3	"
7	3.1	"		ENE	1-2	30.13	74	72	71	75	"	"	5	"
8	3.5	"		E	1-2	30.13	75	73	71	75	"	Cirrus	7	"
9	3.0	"		SSE	1-2	30.14	76	76	74	76	"	"	2	"
10	3.5	"		SE	1-2	30.15	77	77	75	76	"	"	6	"
11	3.0	"		"	1-2	30.15	77	78	76	76	"	"	5	"
12	3.0	"		ESE	1-2	30.15	80	80	76	76	"	"	5	"
1	2.2	WNW 1/4 W		ESE	1	30.15	81	81	76	76	be	Cirrus Cum Nim	4	SE
2	2.0	"		"	1	30.15	79	79	76	76	"	"	1	"
3	2.2	"		"	1	30.13	78	77	74	76	"	"	1	"
4	4.0	"		NE	1-4	30.12	76	75	74	76	"	"	2	"
5	5.6	"		"	3-4	30.12	75	74	73	75	oc	"	0	"
6	4.8	"		"	3	30.13	75	74	73	75	"	Cumulus	0	"
7	4.5	"		ENE	3	30.14	75	74	73	76	be	"	4	"
8	3.5	"		E	2-3	30.15	75	74	73	76	be	"	2	"
9	4.4	"		"	3	30.16	75	73	73	75	"	Cum	3	"
10	5.5	"		NE	4	30.16	75	73	73	75	"	"	4	"
11	7.0	"		"	4	30.16	75	73	72	75	"	"	3	"
12	7.2	"		"	4	30.15	75	73	72	75	"	"	4	"

Lat. at noon D.R. 23° 15′ 42″ N.
Long. " " D.R. 43 27 08 W.
Lat " " Obs. 23 15 43 N.
Long " " Chro. 43 26 30 W.
Distance run by Log

under the command of Captain D. Conner, U.S. Navy.

Friday May 2, 1829

"At Sea"

Overcast and warm
Light and variable breezes
from North to East.
At 9.30 a.m. mustered
at Quarters and afterwards
Exercised at Gun Quarters.
One sail in sight
during the day.
Shipped a corporal under
Captain said to royals.

Journal of cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Hour	Knots	Course	Leeway	Wind	Force	Bar.	Att. Therm.	Dry Bulb	Wet Bulb	Sympiesometer	Weather	Clouds	Clear Sky	Sea
1	6.5	NNW 1/4 W		NE	3-4	30.15	76	73	72	75	be	Cum	2	S
2	5.6	"		NE×E	3	30.14	75	73	72	75	"	"	1	"
3	6.0	"		"	3	30.14	75	73	72	75	"	"	5	"
4	6.5	"		"	3-4	30.12	75	73	72	75	"	"	5	"
5	6.5	NNW 1/2 W		"	3-4	30.10	74	73	72	75	"	"	7	"
6	6.8	"		"	3-4	30.10	74	72	71	75	"	"	4	"
7	6.6	"		"	3-4	30.12	74	72	71	75	"	"	8	"
8	6.5	"		"	3-4	30.13	74	73	72	75	"	"	6	"
9	6.5	"		"	3-4	30.15	75	73	72	75	"	"	7	"
10	6.5	"		ENE	3-4	30.15	75	74	73	75	"	"	9	"
11	6.5	"		"	3-4	30.15	76	75	73	75	"	"	9	"
12	7.5	"		"	4	30.15	77	76	74	76	"	"	9	"
1	6.6	NNW 1/2 W		ENE	3-4	30.16	77	76	74	76	be	Cum	9	S
2	6.6	NNW 3/4 W		E "	3-4	30.13	76	74	72	76	"	"	8	"
3	6.8	"		"	3-4	30.10	75	73	72	76	"	"	8	"
4	6.6	"		"	3-4	30.10	75	73	72	75	"	"	8	"
5	6.0	"		"	4	30.09	75	73	72	75	"	Cirrum Cum	8	"
6	6.2	"		"	4	30.09	75	73	72	75	"	"	8	"
7	6.0	"		"	4	30.10	75	73	72	75	"	"	7	"
8	6.4	"		"	4	30.11	75	73	72	75	"	"	5	"
9	5.3	"		East	3-4	30.11	75	73	72	75	"	"	7	"
10	5.7	"		"	3-4	30.11	75	73	72	75	"	"	8	"
11	5.8	"		"	3-4	30.11	75	72	72	75	"	"	8	"
12	5.6	"		"	3-4	30.11	75	74	71	75	"	"	8	"

Lat at noon D.R. 23° 18' 07" N
Long " " D.R. 45° 48 36 W
Lat. " " Obs. 23 23 03 N
Long. " " Obs. 46 02 55 W
Distance run by Log.

under the command of Captain O.C. Badger U.S.N.

Saturday, May 3, 1879.

At Sea.

Clear, warm, and pleasant. Moderate breezes from the 3rd and 4th

Passed Pinattibis of Isla Grande. Steering a course under plain sail & royals

Journal of a cruise of the U. S. S. Constitution, 3rd Rate. 2 Guns.

Hrs	Knots	Course	Lee	Wind	Force	Bar.	Att Therm	Dry Bulb	Wet Bulb	Temp Sea	Weather	Clouds	Sky	Sea
1	5 6	NNW 3/4 W		E by N	3	30.09	76	72	72	75	be.	cirrocumulus	7	8
2	5 8	"		E by S	3	30.07	76	72	71	75	"	"	7	"
3	5 5	"		"	3	30.07	76	72	71	75	"	"	5	"
4	5 6	"		"	3	30.06	75	72	71	75	"	"	6	"
5	5 5	"		East	3	30.05	75	72	71	75	"	"	6	"
6	5 8	"		"	3	30.06	75	72	71	76	"	"	6	"
7	5 2	"		"	3	30.07	74	72	72	76	"	"	5	"
8	5 5	"		"	3	30.07	73	72	72	76	be/s	cirrus	3	"
9	6 0	"		E by S	3	30.00	76	75	73	76	be	"	5	"
10	6 0	"		"	3	30.10	77	76	75	77	"	cirrocumulus	6	"
11	5 8	"		"	3	30.10	78	77	75	77	"	"	6	"
12	7 0	"		"	3	30.10	79	78	76	77	"	"	7	"
1	5 0	NNW 3/4 W		E by S	3	30.09	80	79	76	77	be	cirrus	7	8
2	4 6	"		"	3	30.08	79	78	76	77	"	cirrocumulus	4	"
3	4 6	"		"	2-3	30.06	77	77	75	77	"	"	3	"
4	4 8	"		"	2-3	30.05	77	76	74	77	"	"	5	"
5	5 0	"		ESE	2-3	30.04	76	75	74	76	"	"	6	"
6	5 2	"		"	3	30.03	76	75	73	76	"	"	6	"
7	5 2	"		"	3	30.03	76	75	73	76	"	"	6	"
8	5 6	"		"	3	30.03	76	74	73	76	"	"	8	"
9	5 4	"		"	3	30.03	76	74	74	76	"	"	7	"
10	5 6	"		SE	3	30.02	76	74	74	76	"	"	9	"
11	5 8	"		SE by S	3	30.02	76	74	74	76	"	"	9	"
12	6 0	"		SSE	3	30.01	75	74	74	76	"	"	5	"

Lat. at noon D.R. 23° 33' 21" N.
Long. " " D.R. 48 30 05 W.
Lat " " Obs. 23 22 37 N.
Long " " Chro. 48 19 55 W.
Distance run by Log

under the command of Captain O.C. Badger, U.S. Navy.

Sunday May 4 1879

At Sea.

Clear, warm, and pleasant. Moderate breeze from the S.E. and E.N.E. At 9.30 am. held preliminary inspection. At 10.15 am the Captain inspected ship and crew at Quarters. Called all hands to muster, and the Captain read the Articles for the better Government of the Navy. Steering a Course under plain sail & royals.

Journal of a cruise of the U.S.S. Constitution, 3rd Rate, 2 Guns.

Hour	Knots	Course	Leeway	Wind	Force	Bar.	Att. Therm.	Dry bulb	Wet bulb	Dew Point	Weather	Clouds	Sky	Sea
1	7.2	WNW 3/4 W		SSE	4	29.99	76	74	74	76	bc	cirrus	3	S
2	7.0	"		"	4	29.98	76	74	74	75	oc	"	0	"
3	6.2	"		"	4	29.96	76	74	74	75	"	"	0	"
4	7.0	"		SE	4	29.95	76	74	74	75	"	"	0	"
5	7.5	"		SSE	4	29.95	76	74	74	75	ocd	cumulus	0	"
6	8.5	"		"	4-5	29.95	76	74	74	75	"	"	0	"
7	10.0	"		"	4-5	29.95	76	74	73	76	oc	"	0	"
8	10.8	"		"	5-6	29.95	76	74	73	76	"	"	0	"
9	11.0	"		SE×S	5-6	29.93	76	75	75	76	bc	"	1	"
10	11.5	"		"	6	29.92	76	75	75	76	"	"	1	"
11	11.0	"		"	6	29.91	76	76	76	76	oc	"	0	"
12	11.0	"		"	6-7	29.91	77	76	76	76	bcp	"	1	"
1	6 0	WNW 3/4 W		SE×S	6-7	29.89	76	74	74	75	ocp	cumulus	0	S
2	9.0	W×N		"	6-7	29.88	74	72	72	75	bcgr	"	1	"
3	8.8	"		"	6-8	29.88	73	71	71	75	bcg	"	0	M
4	8.0	"		"	6-7	29.86	72	70	70	75	"	"	0	"
5	8.4	"		"	6-7	29.84	72	71	71	75	"	"	0	"
6	9.0	"		SSE	6-8	29.83	71	71	71	76	"	"	0	"
7	6.0	"		"	4-6	29.88	71	72	72	76	bcgr	cumulus	1	"
8	6.5	"		S×E	4-6	29.81	72	73	73	76	bcgd	"	1	"
9	6.0	"		SE×S	4-7	29.82	73	73	73	76	bcp	"	3	"
10	6.0	"		"	4-5	29.84	74	73	74	76	"	"	3	"
11	3.0	"		SSE	1-3	29.85	74	74	72	76	"	"	3	"
12	2.0	NW		SW	1-2	29.88	74	74	72	76	bc	cumulus	5	"

Lat. at Noon D.R. 23° 24' 49" N.
Long. " " D.R. 51 28 45 W.
Lat. " " Obs. 23 28 10 N.
Long " " Chro 51 29 03 W.
Distance run by Log.

under the command of Captain O.C. Badger U. S. Navy.

Monday May 5, 1879.

At Sea

Wather generally overcast and squally. Moderate to fresh increasing to a moderate gale from the S.W. and E.S.E. Dying out latter part of the day.

Passed quantities of seaweed during the day.

Shortened sail to close reefed topsails during the gale.

Journal of a cruise of the U.S.S. Constitution 3rd Rate. 2 Guns.

Hour	Knots	Course	Leeway	Wind	Force	Bar.	Att Therm	Dry Bulb	Wet Bulb	Temp Sea	Weather	Clouds	Sky	Sea
1	2.8	N N W		W S W	2	29.85	76	73	71	76	bc	Cum	5	S
2	2.2	"		"	2	29.85	76	73	70	76	"	"	9	"
3	2.2	"		"	1-2	29.85	76	72	69	76	"	"	9	"
4	2.0	"		"	1-2	29.85	76	72	69	76	"	"	9	"
5	2.0	N W × N		"	1-2	29.85	76	73	69	76	"	Cirrus	9	"
6	2.0	"		"	1-2	29.85	76	73	69	76	"	"	8	"
7	1.0	" E S E		"	0-1	29.87	74	73	69	76	"	"	8	"
8	0.5	N " W		S × W	0-1	29.89	75	74	70	76	"	"	8	"
9	1.0	W × N		"	1	29.90	76	74	70	76	"	"	9	"
10	1.0	"		S S W	1	29.92	76	75	70	77	"	"	9	"
11	1.5	"		S W × S	1	29.92	76	76	71	77	"	"	9	"
12	1.5	W ½ N		S	1	29.92	77	77	71	77	"	"	9	"
1	0.2	N W × W		S W	0-1	29.92	81	81	73	77	bc	Cirrus Cum	8	S
2	0.2	W N W		S S W	0-1	29.92	81	83	74	77	"	"	8	"
3	0.0	no Steerage way		Calm	0	29.92	81	84	74	78	"	"	8	"
4	0.1	W N W		S S W	0-1	29.92	79	79	72	78	"	"	8	"
5	0.5	W		"	0-1	29.92	79	77	71	79	"	"	2	"
6	0.7	"		E S E	0-1	29.92	78	77	70	78	"	"	1	"
7	1.2	W × S		S E	0-1	29.92	77	76	70	78	"	"	7	"
8	1.5	W × N		S S W	0-1	29.94	78	76	71	78	"	"	7	"
9	0.0	no Steerage way		Calm	0	29.96	78	75	71	77	"	"	7	"
10	1.0	W × S		S S E	0-1	29.96	78	75	70	77	"	"	7	"
11	1.4	"		"	0-1	29.96	77	75	70	77	"	"	8	"
12	1.8	"		S E	0-1	29.95	76	75	70	76	"	"	7	"

Lat. at noon D.R. 23° 41′ 35″ N.
Long. " " D.R. 53 07 35 W.
Lat " " Obs. 23 53 45 N.
Long " " Obs. 53 06 35 W.
Distance run by Log.

under the command of Captain O. H. Badger U. S. Navy.

Tuesday May 6, 1879.

At Sea.

Warm and pleasant
Light variable airs and calms
At 9.30 A.M. mustered
crew at Quarters. Unmoor plain
sail & topgallantsails. Shaping
course and by first parts of
day and for course laying
[illegible].

Journal of a cruise of the U.S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Hour	Knots	Course	Leeway	Wind	Force	Bar.	Att. Therm	Dry bulb	Wet bulb	Temp Sea	Weather	Clouds	Clear Sky	Sea
1	1.8	W×S		SE	1	29.94	77	75	70	76	Dc.	Cum	6	S
2	2.0	"		"	1	29.93	77	75	70	76	"	"	7	"
3	3.0	"		"	1-2	29.92	77	75	70	76	"	"	8	"
4	3.0	"		SxW	2	29.90	76	74	70	76	"	"	7	"
5	2.0	W		"	1	29.91	76	74	70	76	"	"	9	"
6	2.0	W×S		"	1	29.91	75	74	70	76	"	"	9	"
7	1.5	"		"	1	29.91	76	74	70	76	"	"	9	"
8	1.5	"		SSE	1	29.93	76	74	71	76	"	"	9	"
9	1.0	"		"	0-1	29.96	77	76	71	77	"	"	7	"
10	1.2	"		SE	0-1	29.97	78	77	72	77	"	"	6	"
11	0.5 1.6	" WSW½W		"	1	29.97	78	79	73	77	"	"	7	"
12	2.7	"		"	1	29.98	79	80	74	78	"	"	7	"
1	3.0	WSW		SE	1-2	29.96	78	80	73	78	Dc.	Cum	8	S
2	2.4	"		"	1-2	29.94	78	78	71	78	"	"	7	"
3	2.8	"		"	1-2	29.93	78	78	71	78	"	"	8	"
4	3.0	"		SExE	1-2	29.93	78	77	71	78	"	"	7	"
5	3.5	"		"	2	29.93	77	77	71	78	"	"	9	"
6	4.5	"		"	2	29.93	77	77	70	77	"	"	9	"
7	4.2	"		SE	2	29.94	76	76	70	77	"	"	9	"
8	3.8	"		"	2	29.96	76	76	70	77	"	"	9	"
9	5.0	"		SExS	2	29.98	77	76	70	76	"	"	8	"
10	6.5	"		"	2	29.99	77	76	71	76	"	"	7	"
11	6.5	"		"	3	29.99	77	76	71	76	"	"	7	"
12	3.0 3.2	" W×S		SSE	3	29.99	77	76	71	76	"	"	8	"

Lat at noon D.R. 23° 42′ 24″ N.
Long " " D.R. 53 47 35 W.
Lat " " Obs. 23 56 39 N.
Long " " Obs. 53 58 25 W.
Distance run by Log.

Commanded by Captain O. C. Badger U. S. Navy.

Wednesday, May 7, 1879.

At Sea

Clear warm and pleasant. Light breeze from the S.E.
At 9.30 a.m. mustered crew at Quarters and exercised at divisional drills.
Steering a course under Main sail & Royals.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns.

Hours	Knots	Course	Leeway	Wind	Force	Barometer	Attached Thermometer	Dry bulb	Wet bulb	Temperature of Sea	Weather	Clouds	Sky	Sea
1	6.4	WxS		S	3	2999	76	76	71	76	DC	Cumulus	9	S
2	7.0	"		"	3	3000	76	76	71	76	"	"	9	"
3	7.0	"		SxE	3	2999	76	75	71	76	"	"	9	"
4	3.0	"		"	3	2998	77	75	71	76	"	"	8	"
5	5.6	"		SSE	3	2995	77	75	71	76	"	"	7	"
6	4.7	"		"	2-3	2995	77	75	71	76	"	"	8	"
7	4.4	"		"	2-3	2995	77	76	71	76	"	Cumulus Cirrus	7	"
8	4.7	W"		"	2-3	2996	77	76	71	76	"	"	7	"
9	5.8	W by N		SxE	3	2998	77	76	72	77	"	"	5	"
10	6.5	"		"	3	2999	77	76	72	77	"	"	3	"
11	5.6	W½N		"	2-3	3001	77	77	73	77	"	"	3	"
12	5.0	"		SSE	2-3	3001	78	78	74	77	"	"	5	"
1	5.0	W½N		S	2	3000	79	79	73	78	DC	Cumulus	4	S
2	4.0	"		SxW	2	2999	79	79	73	78	"	"	5	"
3	3.0	"		"	1-2	2998	79	78	72	78	"	"	4	"
4	2.7	"		S	1-2	2997	79	78	72	78	"	"	3	"
5	2.6	"		SSE	1	2997	78	79	72	77	"	Cumulus	6	"
6	3.0	"		"	2	2998	78	78	72	77	"	"	7	"
7	3.0	"		"	1-2	2998	79	77	73	77	"	"	3	"
8	3.0	"		"	1-2	3000	79	77	73	77	"	"	1	"
9	4.0	"		"	2	3001	79	77	73	77	DC	"	7	"
10	4.2	"		"	2	3001	79	77	73	77	"	"	5	"
11	4.0	"		"	2	3002	79	77	73	77	"	"	3	"
12	4.5	"		"	2-3	3001	78	77	73	77	"	"	6	"

Lat. at noon D.R. 23° 15' 42" N.
Long " " D.R. 55 57 15 W.
Lat " " Obs. 23 17 03 N.
Long " " Obs. 55 54 58 W.
Distance run by Log

Commanded by Captain A. C. Bridgman U.S. Navy.

Thursday, May 8, 1879.

Moderate Clear and pleasant
Hands from the S.W.
At 9.30 A.M. Muster
at Quarters and exercise at
Divisional Drills
Steering a course under
Plain Sail & Rayles.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns

	Knots	Course	Lee	Wind	Force	Bar.	Att. Thm.	Dry bulb	Wet bulb	Dew Pt.	Weather	Clouds	Sky	Sea
11	6.0	W 1/2 N		S × E	3	29.99	78	77	73	77	bcl	cir cirrum	6	S
2	5.5	"		S	2-3	29.98	77	77	73	77	bc	"	5	"
3	5.0	"		"	2-3	29.98	77	77	73	77	"	"	5	"
4	4.5	"		"	2-3	29.98	77	76	73	76	"	"	6	"
5	3.5	"		S × E	2-3	29.99	77	76	73	76	"	"	4	"
6	2.5	"		SSE	2-3	30.00	77	76	73	77	"	"	7	"
7	2.6	"		"	2	30.01	77	77	73	77	"	"	6	"
8	2.5	"		S E × S	2	30.02	77	77	74	77	"	"	7	"
9	2.5	"		S	2	30.07	78	79	74	77	"	"	7	"
10	1.5	"		"	1-2	30.07	79	80	76	77	"	"	7	"
11	2.1	"		S E	1-2	30.07	81	81	76	78	"	"	8	"
12	3.5	"		"	1	30.07	82	82	77	78	"	"	7	"
1	3.8	W 1/2 N		SSE	2	30.07	82	82	77	78	bc	cum cirrum	8	S
2	3.4	"		"	1-2	30.08	82	81	77	78	"	"	7	"
3	3.2	"		ESE	1-2	30.07	80	80	75	78	"	"	8	"
4	3.2	"		E	1-2	30.07	80	80	74	79	"	"	8	"
5	3.0	"		E × S	1-2	30.05	79	79	73	78	"	"	7	"
6	3.0	"		"	1-2	30.04	74	79	73	78	"	"	7	"
7	3.6	"		"	1-2	30.05	80	79	74	78	"	"	7	"
8	4.0	"		"	2	30.06	80	79	73	78	"	"	7	"
9	4.2	"		"	2	30.07	80	78	73	78	"	"	8	"
10	4.4	"		ESE	2-3	30.08	80	77	73	78	"	"	9	"
11	4.3	"		"	2-3	30.09	80	77	73	78	"	"	9	"
12	3.8	"		"	2-3	30.10	80	77	72	78	"	"	8	"

Lat. at noon D.R. 23° 12′ 52″ N.
Long " " D.R. 57 27 12 W.
Lat " " Obs. 23 20 20 N.
Long " " Chro. 57 30 30 W.
Distance run by Log

Commanded by Captain O. C. Badger, U.S. Navy.

Friday, May 9, 1879.

Clear warm and pleasant
Light breeze from the S.E. and E.
At 2.30 am manned
at Quarters and Exercised at
Gun Quarters.
Two sail in sight.
passed Pinnacles of Gulf mid.
Steering a Course under
foresail sail & royals.

Journal of a cruise of the U. S. Sailing Frigate Constitution, 3rd Rate, 2 Guns

Hour	Knots	Course	Leeway	Wind	Force	Barometer	Dry Thermometer	Dry Bulb	Wet Bulb	Temperature Sea	Weather	Clouds	Sky	Sea
1	3.0	W 3/4 N		ESE	1	30.06	79	76	73	78	Oc.	Cir Cum	8	S
2	3.0	"		"	1	30.05	79	76	73	78	"	"	5	"
3	4.0	"		"	2	30.03	78	77	73	78	"	"	4	"
4	4.6	"		"	2	30.07	78	77	72	78	"	"	2	"
5	4.5	"		"	2	30.08	78	77	72	78	"	"	0	"
6	4.0	"		"	2	30.00	79	77	73	78	"	"	1	"
7	4.0	"		"	2	30.03	78	77	73	78	"	"	4	"
8	4.0	"		"	2	30.05	78	77	74	78	"	"	4	"
9	4.0	"		"	2	30.07	79	78	74	78	"	"	3	"
10	4.4	"		E×S	2-3	30.07	80	79	74	78	"	"	2	"
11	4.4	W×N		E	2-3	30.07	80	79	74	78	"	"	2	"
12	2.5 2.0	WNW 3/4 W		E×N	2-3	30.07	86	79	74	78	"	"	2	"
1	4.3	WNW 3/4 W		E	2-3	30.08	80	81	75	78	Oc	Cirrus	1	S
2	4.0	"		"	2-3	30.07	80	80	74	78	"	"	1	"
3	4.1	"		"	2-3	30.05	79	79	73	78	Oc	"	0	"
4	4.0	"		"	2-3	30.03	78	79	73	77	"	"	0	"
5	3.7	"		E×S	2-3	30.04	78	78	73	77	"	"	0	"
6	3.3	"		ESE	2-3	30.05	78	77	73	77	"	"	0	"
7	3.6	"		E×S	2	30.05	80	77	73	77	"	"	0	"
8	3.7	"		"	2	30.04	80	77	74	77	"	"	0	"
9	5.0	"		"	2-3	30.06	79	77	75	77	"	"	0	"
10	5.0	WNW		SSE	2-3	30.05	78	77	74	77	"	"	0	"
11	3.0	WNW 3/4 W		"	1-2	30.05	78	77	74	77	"	"	0	"
12	3.0	"		"	1-2	30.06	78	77	74	77	"	"	0	"

Lat at noon D.R. 23° 18′ 35″ N
Long " " D.R. 59 13 12 W
Lat " " Obs. 23 22 14 N
Long " " Chro. 59 08 45 W
Distance run by log

Commanded by Captain O. C. Badger, U. S. Navy.

Saturday, May 10, 1879.

Wather warm and pleasant. overcast latter part of day. Light breeze from the N.E. and E.S.E.

Fishing a-Coasting under plain sail. Saw Pargalos

Journal of a cruise of the U.S. Sailing Frigate Constitution 29 Guns

Hr.	Knots	Course	Leeway	Wind	Force	Barometer	Attached thermometer	Dry bulb	Wet bulb	Sea temp.	Weather	Clouds	Sky	Sea
1	3	2	NNW 3/4 W	SE	1-2	30.02	77	76	73	77	ocd	Cum Nim	5	5
2	2	8	"	"	1-2	30.00	72	76	73	77	"	"	0	"
3	1	6	NNW	"	0-1	30.00	72	75	73	77	oc	"	0	"
4	1	6	"	"	0-1	29.99	72	76	73	77	"	"	0	"
5	2	5	"	ESE	0-2	29.99	78	76	74	77	"	"	0	"
6	3	5	"	"	2	29.99	78	75	73	77	ocd	"	0	"
7	4	6	"	"	2-3	30.01	76	75	72	77	"	"	0	"
8	2	5	"	SE	3	30.01	70	74	72	77	ocn	"	0	"
9	5	0	NNW 1/2 W	SE×S	3	30.01	75	75	71	77	"	"	0	"
10	5	5	"	"	3-4	30.00	76	75	73	77	oc	"	1	"
11	6	5	"	"	3-4	29.99	76	76	74	77	"	"	2	"
12	7	0	"	"	3-4	29.98	78	77	74	77	oc	"	0	"
1	5	2	NNW 1/2 W	SE	3	29.98	79	78	74	77	ocd	Cum Nim	0	5
2	5	4	NNW 3/4 W	SE×E	3	29.97	78	77	74	77	"	"	0	"
3	5	6	"	ESE	3	29.95	78	77	74	77	"	"	0	"
4	6	6	"	"	3	29.92	78	76	74	77	oc	"	0	"
5	7	0	"	E×S	3-4	29.92	78	76	74	77	ocn	Nim	0	"
6	8	0	"	"	3-4	29.93	78	76	74	77	"	"	0	"
7	8	6	"	E	4-5	29.93	78	75	73	77	"	"	0	"
8	9	5	"	"	4-5	29.92	78	74	73	77	"	"	0	"
9	10	0	"	E×S	5	29.93	76	73	72	77	"	"	0	"
10	10	0	"	"	5	29.94	76	72	72	77	"	"	0	"
11	8	0	"	"	5-6	29.94	76	72	72	77	"	"	0	"
12	8	0	"	"	5-6	29.96	75	72	72	77	"	"	0	"

Lat at noon DR 23° 41′ 03″ N.
Long " " DR 60 50 12 W.
Lat " " Obs. 23 39 48 N.
Long " " Chro. 60 58 00 W.

under the Command of Captain C. C. Chadsey, 1852.

Sunday May 11, 1879.

At Sea

Overcast and rainy.
Light breeze from the Sth and E^d
increasing in force to a moderate gale.
Steering a course. Re-
ducing sail as the wind increased.

Journal of a cruise of the U.S. Sailing Frigate Constitution 74 rate

Hr	Knots		Course	Wind	Force	Bar	Att Ther	Dry Bulb	Moist Bulb	Dew Point	Weather	Clouds	Sky	Leeway
1	5	0	N N W ½ W	E S E	3-4	29.88	75	74	73	77	clear	Mist	0	
2	3	6	"	"	3-6	29.86	76	74	73	77	"	"	0	
3	1	0	N E	"	3-4	29.84	74	73	72	77	clear	"	0	
4	1	0	"	E	1-6	29.84	75	73	73	77	"	"	0	
5	1	5	N N E	"	4-7	29.83	74	72	74	76	clear	"	6	
6	2	2	"	"	3-6	29.88	74	72	72	76	"	"	0	
7	3	0	N	"	4-5	29.88	76	74	74	76	clear	"	0	
8	6	4	N N W	E N E	4-5	29.88	76	75	73	76	hazy	"	6	
9	5	5	N N W	"	3-4	29.87	76	74	73	76	clear	Cirro Mist	2	
10	6	0	N N W ½ W	"	3-4	29.86	76	75	73	76	"	"	6	
11	3	5	N W ½ W	E	3-4	29.86	77	75	74	76	"	"	4	
12	4	0	"	E by S	3-4	29.85	78	76	75	77	"	"	1	
1	3	5	N ½ E	S E by E	3	29.84	78	75	75	77	clear	Cirro Cumulus	4	
2	3	6	"	S by E	3-4	29.84	79	77	75	77	"	"	4	
3	3	8	"	S	3-4	29.83	79	77	75	76	"	"	3	
4	4	0	"	"	3-4	29.81	79	77	75	76	"	"	2	
5	5	0	N N W	S S W	4-5	29.80	78	77	75	76	"	"	1	
6	4	0	N W ½ W	S W by W	4-5	29.83	77	76	73	76	"	"	3	
7	2	7	N N W	W	2	29.86	78	76	73	76	"	"	2	
8	3	2	"	"	2	29.87	76	75	73	76	"	"	8	
9	2	5	"	"	2	29.89	77	75	72	76	clear	"	5	
10	0	8	S E by S	S W by S	1	29.90	77	75	74	76	"	"	6	
11	1	2	S S E ½ E	S W	1	29.88	77	75	74	76	"	"	5	
12	0	8	E	S S W	1-3	29.86	77	75	74	76	"	"	4	

Lat DR at noon 24 31 9 N

Long " do " 63 11 15 W

Lat Obs " " 24 44 21 N

Long Obs. " " 63 04 49 W

Extract from the Command of Captain D. C. Kidgan U.S.N.

Monday May 12, 1879.

Wather overcast squally and rainy latter part of the day Steering latter part. Steering Course from the S.E. and E.S.E. latter part of the day. Hauling to the W.S.W. and decreasing latter part At 2.00 P.M. laid to on the starboard tack, at 6.30 P.M. bore up Steering full and by Making sail to single reefed topsails.

List of Officers

attached to and on board the U.S. Ship Constitution (3rd Rate) Commanded by Captain O.C. Badger, U.S.N., at the time of leaving the anchorage at League Island Navy Yard, Pa. January 20, 1876.

Name	Rank
Oscar C. Badger	Captain
William H. Whiting	Lieutenant Commander
Charles M. Thomas	Lieutenant
Edward W. Very	Lieutenant
James W. Carlin	Lieutenant
Karl Rahrer	Lieutenant
Henry T. Stockton	Master
Freeman H. Crosby	Master
Templin W. Potts	Midshipman
Amasa C. Dodge	Cadet Midshipman
John M. Orchard	Cadet Midshipman
William T. Cronaugh	Cadet Midshipman
John N. Jordan	Cadet Midshipman
William H. Jones	Surgeon
Ezra J. Derr	Passed Assistant Surgeon
Charles A. McDaniel	Paymaster
James B. Brase	1st Lieutenant U.S.M.C.
Sylvester D. Barrom	Chaplain
Edward Bausale	Boatswain
Joseph Lovick	Gunner
Philip J. Mager	Carpenter
Herman Hansen	Sailmaker
John A. Wilson	Captain's Clerk
Richard C. Thompson	Paymaster's Clerk

Lists of Officers

who have died, been detached, or transferred, on board the U. S. Ship "Constitution" (Iron Boat), commanded by Captain P. C. Badger, U. S. N., during a cruise on Special Service, from Jan. 20, 1878 to end of cruise

Name	Rank	Time
Sylvester D Boorom	Chaplain	Detached Jan 21, 1878.
Chas. A. McDaniel	Paymaster	Reported Jan 31, 1878.
Robert W. Allen	Paymaster	Detached Jan 25, 1878.
Richard C. Thompson	Paymaster's Clerk	Detached Jan 31, 1878.
James H. Chapman	Paymaster's Clerk	Reported Jan 25, 1878.
Alexander Sharp	Ensign	Reported Feb 5, 1878.
Edward D Bastick	Ensign	Reported Feb 15, 1878.
Henry H Reich	Ensign	Reported Feb 15, 1878.
Cameron McR. Winslow	Ensign	Reported Feb 15, 1878.
Fidelio S. Carter	Ensign	Reported Feb 20, 1878.
Edward W. Very	Lieutenant	Detached April 10, 1878.
Lazarus L. Beamy	Master	Reported May 10, 1878.
Richard Wallach	1st Lieut. U. S. M. C.	Reported May 10, 1878.

FORE

Starboard.

SHIPS NO.	HAM. NO.	RATE	NAME	BOAT	GUNS CREW
3	1	C. of T.	Thos Miller	Gig Launch	1
2	3	Sea	Francis Evans	Gig	1
5	5	Sea	Arthur Murray	2nd Cutter	1
13	7	O.S.	Isaac Gardner	1st Cutter	1
104	9	O.S.	William Emery	Gig	1
66	11	Lds	Chas McCarthy	1st Cutter	2

2nd Part.

9	13	Sea	Chas. Carpenter	4th Cutter	1
103	15	Sea	Chas. H Collins	5th Cutter	1
149	17	OS	Alex. J. Simms	3rd Cutter	1
18	19	O.S.	Louis E Nolan	5th Cutter	5
116	21	O.S.	Joshua Hindac	1st Cutter	5
121	23	Lds	Jas. H Miller	Gig	1

FORE

Starboard

SHIPS NO.	HAM. NO.	RATE	NAME	BOAT	Guns Crew
113	25	C. of T.	Wm Rice	Jas H 1st Cutter	2
64	27	Sea	Phillip De Blonde	Sailing Launch	2
16	29	Sea	Otto Lockhardt	Larn 5th Cutter	2
149	31	O.S.	Joseph Sawtelle	2nd Cutter	2
42	33	O.S.	John H Brackeny	William Launch	2
114	35	Lds	John H Brackeny	Gig	2

2nd Part.

12	37	Sea	John Shugrue	5th Cutter	2
83	39	Sea	Andrew Robinson	3rd Cutter	2
	41	O.S.			
19	43	O.S.	[illegible]	1st Cutter	2
28	45	O.S.	Thos Morris	4th Cutter	2
107	47	Lds	[illegible]	Sea Boy	

CASTLE

Part

SHIPS NO.	HAM. NO.	RATE	NAME	BOAT	Guns Crew
58	2	Capt	John Neil		1
126	4	Sea.	Wm Johnston		1
111	6	Sea	Chas Hart	Gig	1
	8				
32	10	Sea.	Alex. Gallagher		1
79	12	Sds.	John L. Patterson		1

2nd Part

11	14	Sea	Andrew Parker		1
	16				
127	18	Sea	Heinrich Ehrens		1
155	20	O.S.	Henry Smith		1
25	22	O.S.	Wm J Thomas		1
92	24	Sds	Chas. L Brown		1

TOP

Part

SHIPS NO.	HAM. NO.	RATE	NAME	BOAT	Guns Crew
35	26	Capt	Robt. Cauley	1st	3
	28				
140	30	Sea	Thos O'Neil	2nd	2
18	32	O.S.	A. D Boardman	4th	2
29	34	O.S.	Fred K. Nelson	5th	2
77	36	Sds	Henry S Davis	3rd	2

2nd Part

81	38	Capt	Chas F Cady	Gig	3
82	40	Sea	Edw. D Hawkins	2nd	2
	42				
151	44	Sea	Peter Mooney	3rd	2
69	46	O.S.	Olof Thomsen	5th	5
156	48	O.S.	Chas. Williams	3rd	2

MAIN

Starboard

SHIPS NO.	HAM. NO.	RATE	NAME	BOAT	Guns Crew
59	49	Lt M	John Hickey	SL	3
122	51	Sea	Joseph Matthews	5th C	3
145	53	Sea	Chas Cummings	2nd C	3
20	55	O.S.	Paul Fraule	Capt Knight	3
113	57	O.S.	Joseph Coffman	1st C	3
154	59	Lds	John Pingel	4th C	4

2nd Part

128	61	Coxn	Wm Baker	2nd C	3
61	63	Sea	John Smith	2nd C	3
150	65	Sea	John Paton	Gig	3
125	67	OS	George Rodgers	3rd C	5
73	69	OS	John Ostyberg	3rd C	5
78	71	Lds	Chas Thurmin	1st C	4

MIZZEN

Starboard

SHIPS NO.	HAM. NO.	RATE	NAME	BOAT	Guns Crew
44	73	CMA	James Hanlon	4th C	4
111	75	O.S.	Christian Petersen	Gig	4
31	77	Ord.	Albert Smith	5th C	4
6	79	Lds	John J Ray	3rd C	4

2nd Part

119	81	Sea	Benjamin Segar	St. L.	4
116	83	OS	Patrick Sobin	2nd C	4
71	85	OS	Thos A McMahan	3rd C	4
131	87	Lds	Wm Jacobs	5th C	4

TOP

Port

SHIPS No	HAM No	RATE	NAME	BOAT	Guns Crew
42	50	CMJ	Chas Gray	Gig & Cut C	3
132	52	Sea	Augustus Kerns	Gig	3
141	54	Sea	James M Taylor	5th C	3
26	56	O.S	Sam'l G Hackett	2nd L	3
112	58	O.S	Carl Brandt	2nd C	3
94	60	Sea	Wm Conway	4 C	3

2nd Part

105	62	Sea	James J Burke	Gig	3
143	64	Sea	Matthew Whalen	4th C	3
128	66	Sea	John Connors	5th C	3
30	68	O.S	Patrick Martin	3rd L	5
67	70	O.S	Geo Armstrong	5th C	5
87	72	Sea	John Eckert	1st C.	4

TOP

Port

SHIPS No	HAM No.	RATE	NAME	BOAT	Guns Crew
36	74	CMJ	John Williams	S. L	4
118	76	O.S	Peter Wilson	2nd C	4
28	78	O.S	James E Ryan	Gig	4
97	80	Sea	Abram B Ackerman	S. L.	4

2nd Part

120	82	Sea	George Nelson	4th C	4
70	84	O.S	James Munn	5th C	4
72	86	O.S	Wm Milligan	1st C	4
74	88	Sea	John C Browning	3rd C	4

Starboard AFTER

SHIPS No	HAM. No	RATE	NAME
61	89	C.A.S.	Michael Mugavin
27	91	A.S.	A.J.G. Kuhlman
76	93	Lds	Lamb P Thomas
147	95	Lds	Chas Mc Mathews
123	97	Lds	Wm D. Bartley

2nd Part

110	99	A.S.	Lars Andersen
91	101	Lds	A.L Richardson
136	103	Lds	J.A Erandjean
107	105	Lds	John W Prettyman
96	107½	Lds	James Gray

Starboard PETTY

SHIPS No.	HAM No.	RATE	NAME
41	107	C.B.M	John Buckingham
54	109	C.Q.M.	Henry West
57	111	Q.M.	Edw. Crossdill
56	113	Q.G	Dan'l Eldridge
46	115	C.M.	Henry Williams
145	117	Cook	Wm H. Flatten
3	119	S.M.M.	John Hutchins
4	121	L.M.D.	Chas E Mallay

Starboard IDLERS

1	123	MASTER AT ARMS	H. O. Melais
2	125	SHIPS YEOMAN	John McClintock
3	127	APOTH'S	Richard Barry
50	129	SHIPS COOK	Milton F Dry
132	131	C Std	Robt Cornell
43	133	WRC	N.E. Guerand
134	135	St Std	John W Ballenger
117	137	WDC	Geo Y Skinner
53	139	Std E.F	John Baltis

GUARD

Port

SHIPS No	HAM No.	RATE	NAME
55	90	C.A.[illegible]	Wm Davis
117	92	O.S.	James Gunnum
88	94	Ldr	James J Dunigan
85	96	Ldr	Jacob Baker
98	98	Ldr	Jacob Hayes

2nd Port

108	100	O.S.	Lewis Gabriel
99	102	Ldr	F. J. Sullivan
80	104	Ldr	Lewis Thompson
89	106	Ldr	John A Daly
92	106½	Ldr	Wm H Barstow

OFFICERS

Port

SHIPS No.	HAM No.	RATE	NAME
63	108	B.M.	David Hickey
40	110	2.M.	Geo. F. Williams
101	112	2.M.	R. F. Ferguson
53	114	[illegible]	John B Smith
37	116	Carb.	G. W. Niman
47	118	Carb.	John Thainen
21	120	C of H	David Turner
48	122	Painter	Jas W. Lane

IDLERS

Port

52	124	S.Carp.	Wm Roseman
75	126	Pay's Yeoman	F. P Light
4	128	Nurse Ships	David L Franklin
96	130	Writer	John J. Stuart
139	132	C.C.	Richard P Freeman
102	134	W.R.C.	Joseph Martin
55	138	S.C.	Robt B Mundy
38	138	W.O.Std	James E Brewster
106	140	O.Sea I.I	Frank Evelyn

Gale of March 11th and 12th, 1878.

The barometer from Noon of the 10th to Midnight was comparatively steady, ranging from 29.78 in. to 29.74, and the wind varying in force from ten to twenty miles per hour. From Noon of the 10th to 12.00 P.M. the wind was steady in direction from N.N.W. At 12.00 P.M. it hauled to N.W. by N. and so continued till 1.00 a.m. of the 11th; and at 1.00 the barometer had fallen from 29.77 in at Midnight to 29.70, and continued to fall rapidly till it reached its lowest point 29.22 at 5.30 P.M. of the 11th. At 2.00 P.M. (the 11th) the wind had hauled to N.W. by W.; and at 3.00 P.M. to W., at 4.00 to S.W., and at 5.00 to S. by W., blowing a moderate gale. At 8.15 a.m. (11th) when it suddenly shifted to N.W. in a few seconds of time, the sudden shifting preceded by a thick squall of rain and wind, accompanied by a single flash of lightning, and peal of thunder. The wind settled in direction from W.N.W. at 9.00 A.M., and so continued till 2.00 P.M. when it hauled to W. by N. increasing in force to a full gale, blowing at the rate of 60 miles per hour. At 5.30 P.M. the ship was brought by the wind on the starboard tack, under storm sails. At 6.00 P.M. (11th) the barometer commenced to rise and continued to go up steadily till it reached 30.00 in at 9.00 A.M. on the 13th. The full strength of the gale lasted from 5.00 P.M. of the 11th, to 9.00 P.M. of the 12th, when it changed to a moderate gale, and so continued till the noon of the 13th, after which, fresh breezes with frequent squalls lasted for 24 hours. During the prevalence of the gale, several violent squalls accompanied with hail as large as pebbles passed over the ship

Lieut. C. M. Thomas,
Navigator.

Gale of March 29th, 1878.

This Gale, one of the severest nature, was preceded by a steadily falling barometer, calms and light-airs. The barometer commenced to fall at 2.00 P.M. of March 26th, when it stood at 30.21, and fell steadily each hour after, reaching 30.09 at midnight 26th; 29.89 noon 27th; 29.68 midnight 27th; 29.35 noon 28th; 29.01 midnight 28th; and at 5.00 a.m. of the 29th the barometer reached its lowest point, 28.92. From noon of the 26th to midnight of the 27th the force of the wind varied from calms to light airs, the general direction being from the North and West till midnight of the 26th, and from the South and East from noon till midnight of the 27th. Calms prevailed from midnight of the 26th till noon of the 27th. During the continuance of the calms and light airs, the sky changed frequently from entirely overcast to a perfectly clear sky; the form of clouds predominating being cumulo-stratus and cirro-stratus. From midnight, 27th, to noon, 28th, light to gentle breezes, sky overcast, clouds nimbus and cumulus, hazy, with occasional passing showers. From noon of the 28th to 8.00 P.M. the wind was moderate from the N.E. and E.S.E., at 8.00 o'clock the weather became threatening in appearance, with rain, the wind increasing in force and very squally; the barometer having reached 29.01 by midnight. The squalls were more violent in force after midnight, and by 7.00 a.m. of the 29th the Gale became furious. From 9.00 A.M. to 11.00 P.M., of the 29th, the wind blew at the rate of from 50 to 75 miles per hour. After 7.00 A.M. the ship "lay to" under storm sails and tarpaulins in the weather mizzen rigging. The seas were high and very heavy. At 6.00 A.M. of the 29th the barometer commenced to rise slowly but steadily reaching 29.46 by midnight. After 11.00 P.M. the

Gale decreased in force, and by noon of the 30th the Gale was moderate, and the Sea rough and irregular.

After 7.00 P.M. of the 30th the Gale broke, and the wind continued fresh from the Nd and Wd., the barometer rising to 29.89 by midnight. During the prevalence of the furious Gale the wind was steady in direction from N.E. from 7.00 am. to 3.00 P.M. (29th). hauling to N.E. by N. at 3.00 P.M., and remained so till 11.00 P.M., when it hauled to N.N.E., and at 3.00 a.m. (30th), to N. by E.; at 6.00 a.m. to North; at 10.00 a.m. to N.N.W.; and at noon the wind hauled back to North, moderating in force, and remaining steady eight hours. Passing showers of rain and hail not frequent during the Gale.

Chas. M. Thomas,
Lieutenant and Navigator

$y = \log \sin \varphi c$

$28,\ 2650(1024$

$28\ \ 40\ \ 44/100$